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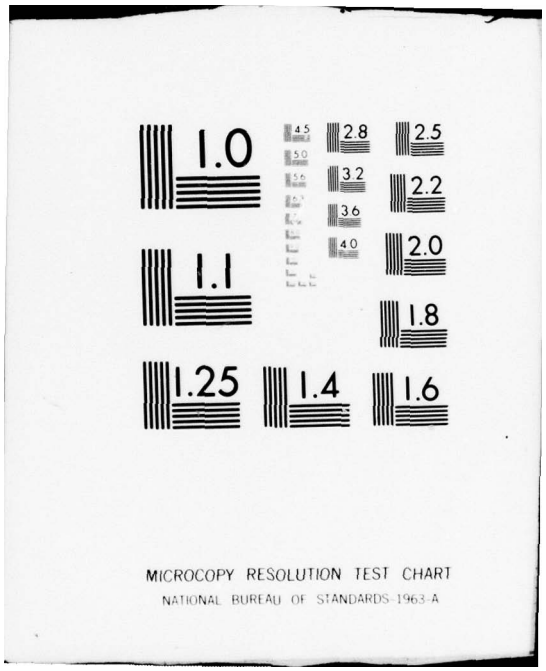
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The Geomagnetic Index Q–Its Persistence, Predictability, and Other Pertinent Properties

ALFRED E. REILLY

18 September 1978

SPACE PHYSICS DIVISION PROJECT 4643
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AIR FORCE SYSTEMS COMMAND, USAF

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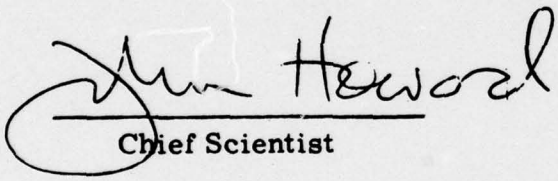

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The persistence and predictability of the geomagnetic index Q are demonstrated. The other important properties of this index are described. The immediate use and widespread utility of the results are indicated.

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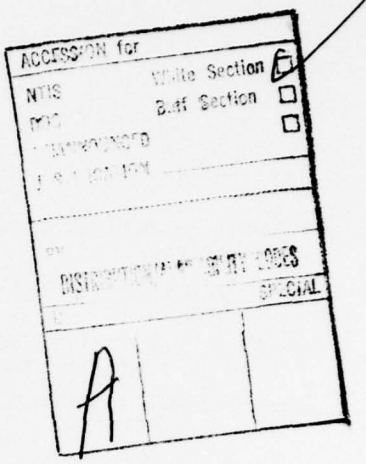

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1. INTRODUCTION

In a recent report,[1] an entirely new method was presented for characterizing and analyzing the behavior of High Frequency (HF) radio signals propagating via the polar ionosphere. The results achieved when this method was applied to the measurements recorded during six extensive experiments conducted in the polar region indicated, among other things, that it would very likely be possible to make predictions of HF propagation conditions in the polar region in advance and in real time provided that the high-latitude geomagnetic index Q could first be predicted in advance. Finally, it was stated that the index Q clearly has a high degree of persistence so that its prediction in advance would actually prove to be possible.

The demonstration of the correctness of the above statement has now been completed. This report is a description of the results achieved so far. The high-latitude geomagnetic index Q does have a high degree of persistence as was stated in the above-mentioned technical report of 27 April 1977. The index Q is predictable in advance even when only prior knowledge of Q itself is used to make the predictions. Future work will endeavor not only to enhance the results based on

(Received for publication 30 August 1978)

1. Reilly, A.E. (1977) Analysis of Sweep Frequency Oblique Polar Region High Frequency Radio Propagation Measurements, AFGL-TR-77-0102, Air Force Geophysics Laboratory Environmental Research Papers No. 596.

persistence alone, but will also attempt to improve upon the predictability of Q by incorporating solar, interplanetary, and geophysical correlations.

For any particular transmitter-receiver geometry in which the signal traverses the auroral region over some part of the path at some time, the prediction of the geomagnetic index Q in advance permits the prediction of the Reilly Conditions and the Reilly Indices which were defined in the above-mentioned report and which, in turn, specify both the steady state behavior and the transient behavior of HF radio signals propagating via the polar ionosphere. In this way, the long-sought-for solution to a very important geophysical problem can be achieved.

The high-latitude geomagnetic index Q expresses numerically the degree of disturbance of the high-latitude geomagnetic field. It is related to the auroral electrojet. By definition, this index can have integral values from 0 to 11 with the higher numbers indicating a higher degree of disturbance of the geomagnetic field. The values 9, 10, and 11 seldom occur so that, in this report, they have all been included in the 9 category which actually means ≥ 9 here. Knowledge of this index (particularly of the expectation of high values) is very important in a number of technical activities.

It was also established by Reilly[1] that the location, size, and shape of the Instantaneous Auroral Oval, defined originally on this basis by Feldstein and Starkov,[2] are determined by the high-latitude geomagnetic index Q. Thus, the results achieved by Feldstein and Starkov were verified for the first time by an entirely different technique. One would anticipate that other verifications of their results would follow, such as those provided by straightforward optical observations of the auroral oval by transpolar satellites.

Many solar, interplanetary, and terrestrial phenomena are related to the geomagnetic index Q. In general, the high-latitude geomagnetic index Q will provide an excellent real-time parameter for ordering many kinds of geophysical phenomena in the polar region.

From the above comments, it can be seen that the prediction of the high-latitude geomagnetic index Q in advance will be useful in applications as diverse as predicting polar region HF radio propagation conditions, determining in advance the location of the equatorward and poleward edges of the auroral oval at any time, and predicting in advance the occurrence of periods of disturbed geomagnetic conditions in the polar region for whatever purpose. Possibly, this exposition in conjunction with the above-mentioned 27 April 1977 report will stimulate a revival of interest in the index Q including its utility as an instantaneous, real-time parameter.

2. Feldstein, Y. L., and Starkov, G. V. (1967) Dynamics of a auroral belt and polar geomagnetic disturbances, Planet. Space. Sci.

2. APPROACH

The geomagnetic index Q measured at Sodankyla, Finland during the years 1964 through 1977 has been analyzed. Statistical analyses have been based on the eleven year period 1967 through 1977. Eventually, the characteristics of the index Q as measured at other locations will be studied. The correlation of the value of Q measured at various longitudes will be studied and the effect of latitude will also be clarified. The question of whether or not the measurement of the index Q is necessary at just one single station (which was originally suggested as a possibility in the above-mentioned technical report of 27 April 1977) will be addressed also. This would be a very beneficial development if it was determined to be feasible.

3. PROPERTIES OF THE Q INDEX

As explained by Bartels,[3] the high-latitude geomagnetic index Q is measured every 15 min of the Universal Day at each participating station. The eleven year period 1967 through 1977 (the duration of a typical Solar Cycle) contains 385, 728 successive 15 min intervals during which the value of Q was measured and recorded at Sodankyla.

In Table 1 is presented the distribution of these 385, 728 values of Q in terms of the total number of each such value of Q from 0 through 9 which occurred during this eleven year period. The first row gives the total number of each value of Q which was recorded during these eleven years. In the second row, these same values are presented as percentages of the total number of values of Q which were recorded in the eleven years. In the third row the cumulative percentages are given, that is, the percentage of the total number of values of Q recorded at Sodankyla, during these eleven years, that were greater than or equal to each value of Q from 0 through 9. All of these percentages can be interpreted as probabilities of occurrence.

Table 1. Distribution of Q for Entire Period 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
Subtotals	162, 028	82, 737	52, 795	37, 482	21, 490	14, 151	9, 225	4, 362	1, 064	197
Percentages	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05
Cumulative Percentages	100.00	57.96	36.50	22.81	13.09	7.52	3.85	1.46	0.33	0.05

3. Bartels, J., and Fukushima, N. (1956) A Q Index for the Geomagnetic Activity in Quarter-hourly Intervals, Akad. Wiss. Gothingen. Math-Phys. Klasse. Sonderhoft, No. 3.

Over 42 percent of all of the recorded values of Q in Table 1 were 0's. The most common value of Q was 0 for the entire eleven year period, for each year separately, and for virtually every one of the 132 months separately. The successively lower values of Q each constituted a successively lower proportion of the total number of occurrences. Over 77 percent of the values of the Q index during the entire eleven year period were ≤ 2.

In Table 2 is presented the distribution of the Q indices recorded at Sodankyla separately for each year from 1964 through 1977. In Figure 1, the annual average value of Q is plotted for the period 1964 through 1977.

Table 2. Distribution of Q (in %) for Each Year Separately: 1964 Through 1977

	0	1	2	3	4	5	6	7	8	9	Average
1964	53.51	20.81	11.33	7.09	3.51	1.98	1.16	0.52	0.09	0.00	1.0100
1965	62.44	18.80	8.84	4.97	2.35	1.46	0.71	0.36	0.07	0.00	0.7543
1966	53.61	20.30	11.30	7.02	3.57	2.14	1.31	0.56	0.09	0.09	1.0225
1967	50.71	18.28	12.05	8.01	4.61	2.93	2.10	0.93	0.28	0.09	1.2166
1968	39.97	20.39	14.59	10.36	6.23	4.46	2.78	0.95	0.24	0.04	1.5348
1969	50.39	19.06	12.39	8.34	4.22	2.71	1.75	0.88	0.22	0.03	1.1969
1970	48.79	18.91	11.92	8.53	5.14	3.27	2.17	0.94	0.22	0.03	1.2688
1971	44.47	21.89	14.12	8.98	4.51	2.84	1.99	1.02	0.16	0.02	1.2985
1972	48.43	21.88	11.90	7.14	4.60	2.86	1.99	0.85	0.26	0.08	1.2187
1973	32.44	22.26	15.29	11.93	7.60	4.87	3.32	1.82	0.40	0.07	1.7987
1974	22.92	21.96	18.35	14.74	8.80	6.22	4.23	2.24	0.48	0.05	2.1453
1975	38.10	23.35	14.67	10.39	6.03	3.68	2.38	1.06	0.30	0.04	1.5084
1976	42.82	24.00	12.53	9.38	4.89	3.30	1.95	0.91	0.18	0.05	1.4115
1977	43.10	24.12	12.86	9.17	4.71	3.25	1.66	0.84	0.26	0.04	1.3072

In Table 3 is presented the distributions of the geomagnetic index Q recorded at Sodankyla separately for each month from 1964 through 1977 — a total of 168 months. The graph of the average value of Q for each of these 168 months successively is presented in Figure 2. This curve can be compared to the curve of the monthly average sunspot number which is presented in Figure 3. It can be seen from these two figures that the maximum in the average value of the index Q lags the maximum in the monthly average sunspot number by about five years.

In addition to the solar cycle dependence of the high-latitude geomagnetic index Q, both its seasonal and its diurnal characteristics have been determined. These characteristics can impact upon the differential predictability of Q at a

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977

		0	1	2	3	4	5	6	7	8	9	Average
January	1964	55.04	21.71	11.36	7.06	4.07	2.92	0.97	0.24	0.00	0.00	0.9042
February	1964	48.42	21.34	12.07	9.63	4.60	2.16	1.08	0.57	0.14	0.00	1.1516
March	1964	46.32	20.67	13.87	8.33	4.75	2.90	2.31	0.75	0.10	0.00	1.2601
April	1964	41.98	20.56	15.14	9.72	4.83	3.26	2.71	1.49	0.28	0.03	1.4482
May	1964	51.85	21.34	10.65	7.56	3.83	2.25	1.04	1.24	0.24	0.00	1.0873
June	1964	55.26	22.09	11.67	5.85	3.45	1.22	0.38	0.35	0.07	0.00	0.8817
July	1964	47.95	23.19	14.21	8.17	3.13	1.85	1.11	0.37	0.03	0.00	1.0738
August	1964	53.90	23.49	11.86	6.15	2.65	1.18	0.50	0.27	0.00	0.00	0.8705
September	1964	51.91	19.86	10.17	9.58	4.03	2.12	1.70	0.52	0.10	0.00	1.1030
October	1964	49.64	24.64	11.44	6.88	3.44	2.41	1.09	0.36	0.10	0.00	1.1588
November	1964	62.85	20.14	8.78	3.96	2.15	1.25	0.87	0.00	0.00	0.00	0.6965
December	1964	76.92	14.45	4.77	2.32	1.28	0.07	0.13	0.07	0.00	0.00	0.3769
January	1965	72.38	14.15	7.12	4.10	1.44	0.57	0.24	0.00	0.00	0.00	0.5074
February	1965	60.42	22.06	7.55	4.06	2.49	2.12	0.97	0.30	0.04	0.00	0.7814
March	1965	61.19	19.66	9.74	4.50	2.42	1.75	0.54	0.07	0.13	0.00	0.7584
April	1965	68.68	17.26	7.53	3.44	1.63	0.94	0.52	0.00	0.00	0.00	0.5698
May	1965	70.09	18.55	5.91	2.62	1.44	0.74	0.40	0.20	0.03	0.00	0.5203
June	1965	59.34	17.57	8.61	5.69	3.13	2.26	1.39	1.94	0.07	0.00	0.9816
July	1965	53.73	20.23	14.28	6.92	2.79	1.38	0.60	0.07	0.00	0.00	0.9170
August	1965	49.33	24.43	13.21	6.92	3.16	1.85	0.81	0.24	0.07	0.00	1.0060
September	1965	50.35	22.26	11.46	7.64	3.16	1.94	1.53	1.18	0.49	0.00	1.1234
October	1965	66.87	16.40	7.83	4.27	2.49	1.58	0.40	0.17	0.00	0.00	0.6632
November	1965	71.35	15.63	4.93	4.06	2.33	1.18	0.38	0.14	0.00	0.00	1.4806
December	1965	65.32	17.61	7.69	5.38	1.78	1.34	0.81	0.07	0.00	0.00	0.6830

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1966	66.60	17.31	6.92	4.57	3.06	1.21	0.31	0.03	0.10	0.00	0.6522
February	1966	61.64	16.11	10.08	6.18	2.57	2.34	0.93	0.15	0.00	0.00	1.1071
March	1966	55.78	18.99	10.32	6.42	3.06	2.45	1.34	1.01	0.40	0.24	1.0385
April	1966	61.22	18.68	9.86	4.83	2.15	2.33	0.66	0.28	0.00	0.00	0.7903
May	1966	57.65	20.83	9.80	5.44	2.08	1.89	1.50	0.72	0.10	0.00	0.8936
June	1966	55.54	24.82	11.23	5.58	1.55	0.60	0.56	0.11	0.00	0.00	0.7735
July	1966	45.93	25.81	12.97	8.57	3.73	1.48	1.01	0.50	0.00	0.00	1.0934
August	1966	46.17	23.92	13.10	8.87	4.07	1.65	1.34	0.67	0.20	0.00	1.1559
September	1966	27.50	22.50	18.48	12.08	8.99	4.34	3.58	1.28	0.10	0.83	1.9267
October	1966	59.04	14.72	9.01	6.89	4.47	2.76	2.28	0.84	0.00	0.00	1.0465
November	1966	54.93	21.08	10.90	7.01	2.99	2.29	0.55	0.24	0.00	0.00	0.9232
December	1966	51.52	18.68	12.74	7.86	4.05	2.43	1.65	0.84	0.20	0.03	1.1374
January	1967	64.95	14.18	7.56	5.04	2.69	2.05	2.39	0.84	0.30	0.00	0.8808
February	1967	63.43	13.58	9.30	5.51	2.42	3.39	2.00	0.26	0.11	0.00	0.7816
March	1967	66.60	15.29	7.76	4.20	2.82	2.18	0.97	0.13	0.03	0.00	0.7256
April	1967	55.42	16.74	10.87	8.82	4.79	2.12	1.01	0.24	0.00	0.00	1.0244
May	1967	34.38	19.49	13.78	10.79	7.29	4.67	4.23	3.36	1.21	0.81	1.9780
June	1967	39.62	22.60	15.56	9.51	4.72	2.78	3.01	1.60	0.38	0.17	1.4886
July	1967	52.35	19.89	13.10	6.89	3.63	2.49	1.31	0.34	0.00	0.00	1.0397
August	1967	39.45	25.71	19.83	9.64	3.60	1.31	0.44	0.03	0.00	0.00	1.1809
September	1967	43.65	16.18	12.85	9.93	6.98	4.06	3.58	1.98	0.69	0.10	1.6165
October	1967	57.19	18.15	10.05	6.35	4.33	1.85	1.08	0.74	0.27	0.00	0.9769
November	1967	50.45	19.97	10.66	7.99	4.31	3.47	2.15	0.66	0.14	0.00	1.1849
December	1967	41.87	17.20	13.10	11.39	7.39	4.84	3.02	0.97	0.17	0.03	1.5787

Table 3. Distribution of α_x (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1968	41.87	21.91	13.24	9.31	6.42	4.33	2.45	0.44	0.03	0.00	1.4167
February	1968	37.90	18.93	14.40	9.99	5.68	7.44	3.88	1.62	0.18	0.00	1.7368
March	1968	31.99	22.38	16.20	11.83	7.46	6.08	3.13	0.81	0.13	0.00	1.7600
April	1968	37.57	19.17	16.18	11.25	8.06	4.03	2.88	0.87	0.00	0.00	1.6104
May	1968	27.89	22.38	19.86	12.60	7.69	5.17	2.92	1.38	0.10	0.00	1.8449
June	1968	26.25	24.72	15.14	12.92	8.30	5.87	4.72	1.42	0.56	0.10	1.9995
July	1968	36.22	25.34	20.30	10.32	3.86	1.92	1.34	0.50	0.20	0.00	1.3508
August	1968	44.48	17.91	15.05	11.09	5.68	3.09	2.05	0.47	0.17	0.00	1.3640
September	1968	36.77	24.51	15.38	9.62	5.52	4.34	2.88	0.80	0.17	0.00	1.5215
October	1968	53.16	15.19	8.37	8.23	6.15	4.07	2.92	1.58	0.30	0.03	1.3282
November	1968	50.97	13.65	9.34	9.44	5.45	5.35	3.13	1.32	1.04	0.31	1.4833
December	1968	53.53	18.15	11.29	7.63	4.40	1.98	1.11	0.30	0.00	0.00	0.9988
January	1969	64.31	14.18	9.51	4.97	3.26	2.05	1.34	0.27	0.07	0.03	0.8216
February	1969	51.34	19.08	11.87	6.40	3.79	3.53	2.49	1.15	0.22	0.11	1.2057
March	1969	38.54	21.34	12.53	11.56	6.25	4.30	3.36	1.55	0.57	0.00	1.6315
April	1969	30.59	22.40	16.88	12.33	7.15	4.79	3.58	2.15	0.14	0.00	1.8335
May	1969	29.70	22.92	19.72	11.66	6.69	3.63	2.35	2.45	0.77	0.10	1.8056
June	1969	40.59	24.06	14.34	11.77	4.83	3.06	0.87	0.14	0.00	0.00	1.2887
July	1969	58.53	19.96	11.53	6.38	2.02	0.71	0.30	0.20	0.30	0.07	0.8002
August	1969	50.60	22.08	15.15	7.76	2.15	1.21	1.00	0.03	0.00	0.00	0.9652
September	1969	51.42	15.14	10.56	8.16	5.07	4.10	2.92	2.05	0.49	0.10	1.3821
October	1969	58.43	18.04	9.98	6.82	3.70	2.52	0.71	0.24	0.10	0.00	0.9260
November	1969	60.66	13.78	9.10	7.81	4.27	2.60	1.60	0.17	0.00	0.00	0.9628
December	1969	69.15	15.69	7.46	4.54	1.51	0.81	0.60	0.24	0.00	0.00	0.5960

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1970	72.18	13.14	5.85	4.20	2.32	1.24	0.91	0.17	0.00	0.00	0.5957
February	1970	72.10	16.41	4.84	2.46	1.64	1.23	1.12	0.22	0.00	0.00	0.5444
March	1970	45.60	16.97	8.77	8.10	6.62	5.01	3.43	1.48	0.60	0.20	1.4788
April	1970	40.66	18.78	14.83	10.35	6.53	4.17	2.33	1.49	0.80	0.07	1.5790
May	1970	43.08	24.73	13.71	9.81	4.84	1.88	0.81	0.37	0.40	0.00	1.2099
June	1970	33.16	22.05	17.95	12.36	6.63	3.89	2.99	0.97	0.00	0.00	1.6573
July	1970	28.76	20.83	16.50	14.28	8.70	4.23	3.29	2.35	8.40	0.20	2.5781
August	1970	45.80	20.03	12.97	8.03	5.14	4.13	2.25	1.38	0.24	0.03	1.3662
September	1970	44.24	22.19	13.89	10.10	5.38	2.47	1.35	0.31	0.07	0.00	1.2497
October	1970	48.08	17.37	13.24	7.59	4.64	4.57	3.19	0.94	0.27	0.10	1.3681
November	1970	45.28	19.65	11.70	9.20	6.11	3.40	3.06	0.97	0.03	0.00	1.3748
December	1970	66.23	14.15	8.13	5.24	2.72	2.15	1.21	0.17	0.00	0.00	0.7621
January	1971	45.67	20.30	14.25	8.84	5.65	2.59	1.68	1.01	0.03	0.00	1.2826
February	1971	48.10	19.75	13.17	8.41	4.13	2.53	2.34	1.56	0.00	0.00	1.2545
March	1971	46.47	20.03	15.05	9.07	5.17	3.76	2.72	0.60	0.24	0.10	1.4016
April	1971	33.82	23.47	15.08	9.90	6.77	4.58	3.58	1.67	0.31	0.10	1.7130
May	1971	30.71	23.59	17.81	11.73	6.05	4.03	3.46	2.15	0.44	0.03	1.7835
June	1971	23.13	34.69	20.87	11.39	4.06	2.92	1.91	1.04	0.00	0.00	1.6018
July	1971	38.64	31.15	15.02	8.97	3.13	1.71	1.21	0.13	0.03	0.00	1.1758
August	1971	47.75	22.85	13.81	8.37	2.99	2.42	1.08	0.71	0.03	0.00	1.1133
September	1971	41.08	23.85	14.55	10.10	4.44	2.60	1.74	1.39	0.35	0.00	1.0698
October	1971	51.08	18.31	11.56	8.30	5.17	2.59	2.05	0.84	0.10	0.00	1.0244
November	1971	66.15	11.15	7.95	6.35	3.30	2.53	1.39	0.94	0.24	0.00	0.8879
December	1971	62.50	14.21	10.05	6.65	3.43	1.88	0.81	0.37	0.10	0.00	0.8563

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1972	48.08	19.25	12.37	8.84	5.38	3.63	2.02	0.30	0.13	0.00	1.2544
February	1972	59.16	18.86	9.73	4.38	3.23	2.05	1.98	0.54	0.07	0.00	0.9085
March	1972	46.61	20.30	11.39	8.50	5.11	3.83	2.65	1.34	0.24	0.03	1.3564
April	1972	45.87	21.35	12.64	7.71	6.22	2.99	2.05	0.97	0.14	0.07	1.3043
May	1972	43.75	26.98	14.55	7.46	4.47	1.55	0.37	0.44	0.10	0.00	1.1019
June	1972	46.46	23.19	12.71	6.91	4.34	2.88	1.70	0.90	0.83	0.07	1.2487
July	1972	55.51	23.39	9.27	6.01	2.82	1.58	0.84	0.44	0.13	0.00	0.8830
August	1972	33.70	26.14	14.18	8.90	6.18	4.07	3.22	2.76	0.57	0.27	1.6774
September	1972	48.54	22.88	11.88	6.91	3.92	2.50	2.08	0.69	0.38	0.21	1.1779
October	1972	46.24	21.07	12.23	8.57	5.31	3.26	2.45	0.67	0.17	0.03	1.2980
November	1972	48.82	21.22	10.87	6.42	5.03	3.54	2.92	0.73	0.21	0.24	1.2651
December	1972	59.01	17.74	10.89	4.91	3.19	2.45	1.31	0.34	0.10	0.07	0.9093
January	1973	33.30	22.75	16.26	11.46	7.26	4.57	3.23	1.11	0.07	0.00	1.6925
February	1973	26.49	21.80	16.26	13.02	9.75	5.88	3.91	2.19	0.45	0.26	2.0651
March	1973	24.73	20.80	13.71	11.32	10.22	7.73	5.95	4.00	1.28	0.28	2.3808
April	1973	17.67	18.33	16.08	13.82	13.40	8.89	6.11	4.72	0.97	0.00	2.6746
May	1973	18.35	24.23	21.94	17.64	7.90	4.87	3.26	1.31	0.40	0.10	2.0981
June	1973	25.52	18.85	18.02	16.01	10.10	6.49	3.33	1.53	0.14	0.00	2.0758
July	1973	32.22	29.37	16.57	11.39	5.38	2.89	1.41	0.50	0.27	0.00	1.4677
August	1973	38.81	25.27	14.05	10.92	5.34	3.19	1.65	0.74	0.03	0.00	1.3876
September	1973	38.19	25.42	13.44	9.24	4.86	3.51	2.64	2.33	0.35	0.03	1.5223
October	1973	34.81	19.76	14.68	11.73	6.62	4.54	4.97	2.18	0.57	0.13	1.8430
November	1973	45.63	24.03	11.08	7.92	5.14	3.13	1.98	0.97	0.14	0.00	1.2595
December	1973	52.92	16.40	11.39	8.74	5.58	2.99	1.55	0.34	0.01	0.00	1.1443

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1974	39.78	25.40	13.68	9.41	5.21	3.19	2.32	0.77	0.24	0.00	1.3901
February	1974	33.89	20.72	15.36	11.16	6.36	4.50	2.16	1.64	0.60	0.04	1.6246
March	1974	18.58	20.50	18.85	16.50	10.55	6.05	6.01	2.55	0.40	0.00	2.3726
April	1974	21.60	17.99	18.37	15.31	8.86	7.57	6.25	3.61	0.35	0.00	2.3992
May	1974	19.52	20.53	20.23	15.83	9.81	7.19	4.64	1.71	0.54	0.00	2.2780
June	1974	15.94	24.24	22.01	18.26	9.31	5.38	3.13	1.60	0.14	0.00	2.1828
July	1974	12.97	26.08	22.78	15.59	8.10	6.38	3.93	3.13	1.01	0.03	2.3655
August	1974	16.60	23.29	19.22	16.80	8.70	7.76	4.67	2.65	0.27	0.03	2.3473
September	1974	18.96	21.28	18.68	17.08	9.20	6.04	4.41	3.19	0.90	0.24	2.3503
October	1974	18.92	20.43	14.62	14.48	11.09	9.54	7.02	2.92	0.87	0.10	2.5559
November	1974	34.69	17.78	15.21	11.01	9.38	5.63	3.58	2.19	0.42	0.14	1.8833
December	1974	23.89	24.26	20.36	14.72	8.50	5.01	2.35	0.87	0.03	0.00	1.8862
January	1975	40.05	20.13	14.58	10.65	6.25	4.40	2.86	0.91	0.13	0.03	1.5308
February	1975	21.58	23.77	20.35	15.96	8.93	4.65	3.50	1.04	0.19	0.04	2.0148
March	1975	25.07	20.83	16.47	14.42	9.81	6.22	4.10	1.75	1.18	0.17	2.1519
April	1975	35.10	22.81	14.97	10.90	6.56	4.51	2.85	1.70	0.59	0.00	1.6796
May	1975	26.14	27.76	20.13	12.26	6.05	3.70	2.12	1.48	0.37	0.00	1.7354
June	1975	30.76	26.28	21.32	12.40	5.52	2.22	1.15	0.28	0.07	0.00	1.4872
July	1975	28.53	29.33	17.64	12.26	6.32	3.16	2.12	0.64	0.00	0.00	1.5967
August	1975	53.23	33.47	9.64	2.82	0.71	0.07	0.00	0.07	0.00	0.00	0.6489
September	1975	50.21	21.53	9.44	7.99	4.86	3.30	1.98	0.63	0.07	0.00	1.3870
October	1975	53.23	16.10	9.24	8.37	6.25	3.19	2.39	0.87	0.27	0.10	1.2413
November	1975	42.67	17.60	10.90	8.33	6.88	6.25	3.96	2.71	0.59	0.10	1.7151
December	1975	49.26	20.50	11.79	8.80	4.47	2.59	1.71	0.71	0.13	0.03	1.1785

Table 3. Distribution of Q (in %) for Each Month Separately: January 1964 Through December 1977 (Cont.)

		0	1	2	3	4	5	6	7	8	9	Average
January	1976	46.24	23.86	12.30	7.26	4.17	3.09	2.05	0.71	0.17	0.17	1.2253
February	1976	26.87	22.67	18.18	15.12	7.51	4.81	3.09	1.58	0.18	0.00	1.8952
March	1976	22.58	22.58	17.31	15.59	7.86	6.32	4.44	2.82	0.48	0.03	2.1742
April	1976	30.38	23.72	12.81	10.97	7.43	5.76	3.82	1.70	0.38	0.03	1.7890
May	1976	39.82	26.38	12.23	9.88	4.44	3.33	2.72	0.54	0.37	0.30	1.4065
June	1976	46.94	25.87	11.74	8.61	3.82	1.91	0.83	0.28	0.00	0.00	1.0995
July	1976	38.94	32.83	13.71	8.20	4.03	1.41	0.40	0.34	0.03	0.00	1.1364
August	1976	48.22	26.11	11.22	7.66	3.66	2.02	0.81	0.30	0.00	0.00	1.0323
September	1976	38.06	27.26	13.54	10.49	4.58	3.44	1.70	0.83	0.10	0.00	1.3814
October	1976	49.60	21.81	10.92	7.73	4.74	2.65	1.41	0.87	0.27	0.00	1.1576
November	1976	61.81	16.67	8.54	5.76	2.99	2.64	1.08	0.45	0.07	0.00	0.8638
December	1976	62.16	17.31	7.69	5.28	3.73	2.28	1.01	0.47	0.07	0.00	0.8476
January	1977	57.83	17.31	9.81	6.92	3.09	2.55	1.61	0.64	0.20	0.03	0.9881
February	1977	44.53	24.22	11.87	10.12	4.95	3.39	0.82	0.11	0.00	0.00	1.2076
March	1977	51.31	20.13	9.98	6.89	4.77	4.23	1.78	0.84	0.07	0.00	1.1811
April	1977	35.07	25.10	13.44	10.49	7.12	4.51	1.88	1.88	0.42	0.10	1.6318
May	1977	37.13	29.13	14.31	9.27	3.53	3.26	2.12	1.01	0.24	0.00	1.3769
June	1977	37.88	39.38	13.99	5.90	2.01	0.73	0.10	0.00	0.00	0.00	0.9735
July	1977	21.03	33.67	19.46	15.42	5.38	2.69	1.75	0.50	0.10	0.00	1.6862
August	1977	24.40	25.47	20.36	15.66	7.66	4.27	1.71	0.40	0.07	0.00	1.7878
September	1977	40.28	23.13	11.22	7.50	6.84	4.93	3.13	2.15	0.66	0.17	1.6072
October	1977	46.40	21.17	12.25	8.84	4.47	2.79	1.61	1.34	0.94	0.17	1.7445
November	1977	58.72	17.05	9.58	6.88	3.54	2.22	1.49	0.38	0.10	0.03	0.9478
December	1977	62.67	13.88	7.76	6.05	3.19	3.39	1.81	0.81	0.27	0.00	0.9595

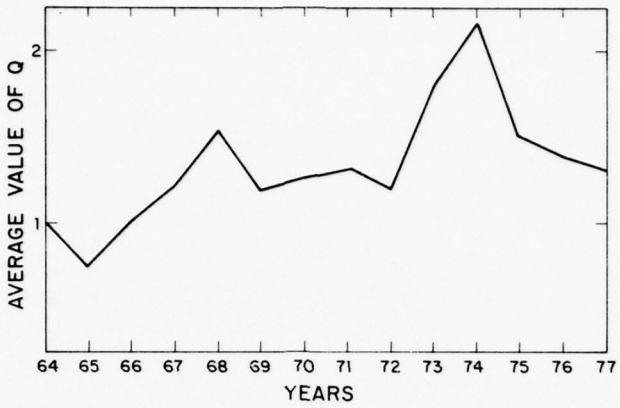

Figure 1. Annual Average Value of Q: 1964 Through 1977

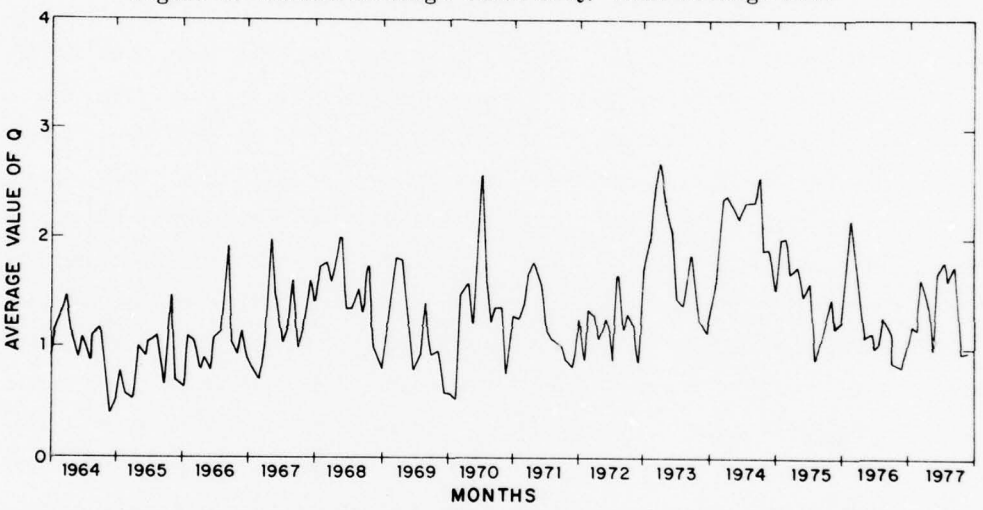

Figure 2. Monthly Average Value of Q: January 1964 Through December 1977

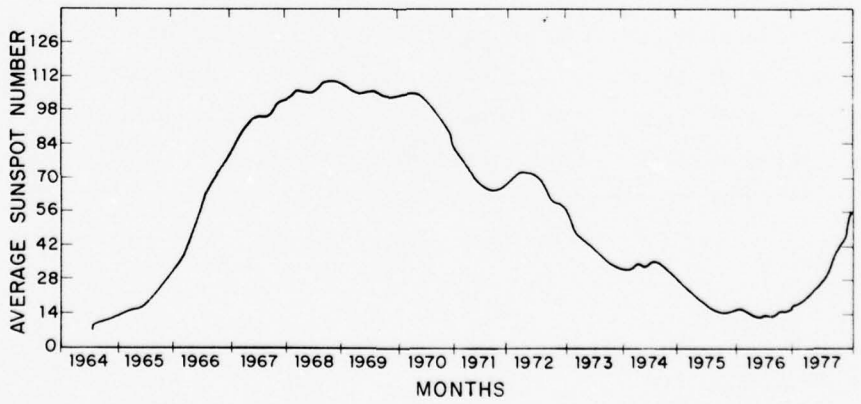

Figure 3. Monthly Average Sunspot Number: January 1964 Through December 1977

particular time of day, during a particular month of the year, in a particular part of the Solar Cycle. It should be borne in mind, of course, that each Solar Cycle appears to be somewhat different than any other Solar Cycle. The difference is most easily noticeable in the relative durations of different Solar Cycles and in the relative magnitudes of the maxima in distinct Solar Cycles.

The seasonal variation of the index Q is presented in Figure 4. Here, the average value of all of the values of Q, recorded at Sodankyla, during each calendar month throughout the entire eleven years has been plotted. All of the recorded values of Q which were recorded during all eleven of the January's of this time period were averaged together. Then, all of the values of Q, recorded at Sodankyla, during all eleven of the February's of this time period were averaged, etc., for each of the twelve calendar months. The distributions of Q for each such collective month are presented in Table 4.

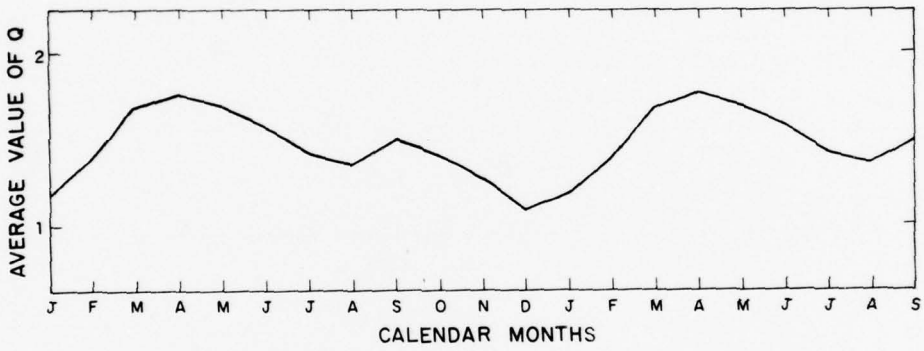

Figure 4. Seasonal Variation of Q – Each Month Collectively: 1967 Through 1977

In Figure 5 is presented the diurnal curve for the entire eleven year period. The values of Q, which were recorded during each specific 15 min period, were averaged over the entire eleven years to produce each point on the curve shown in this figure. For example, the Universal Time period 0000 to 0015 was selected for each day of each year for all eleven years and the 4018 values were averaged. This was done for all ninety-six 15 min intervals occurring on each Universal Day. In order to calculate the hourly average of the Q index, it would be necessary to determine the maximum value of Q in each U.T. hour of each day and then take the average of these maxima over the entire time period. It would be a mistake to average the four 15 min Q indices recorded during each U.T. hour of each day and then take the average of these hourly averages over the entire time period.

Table 4. Distribution of Q (in %) for Each Month Collectively: 1967 Through 1977

	0	1	2	3	4	5	6	7	8	9	Average
January	50.39	19.31	11.76	7.90	4.70	3.06	2.08	0.65	0.13	0.02	1.1888
February	44.24	20.05	13.26	9.35	5.33	3.97	2.49	1.09	0.18	0.04	1.4016
March	38.01	20.10	13.46	10.73	6.97	5.06	3.50	1.63	0.47	0.07	1.6919
April	34.99	20.96	14.85	11.11	7.54	4.92	3.31	1.92	0.37	0.03	1.7528
May	31.86	24.37	17.12	11.72	6.26	3.93	2.67	1.50	0.45	0.12	1.6966
June	33.33	25.99	16.70	11.46	5.79	3.47	2.16	0.89	0.19	0.03	1.5526
July	36.70	26.53	15.99	10.52	4.85	2.65	1.64	0.82	0.27	0.03	1.4073
August	40.28	24.39	15.04	9.79	4.71	3.05	1.72	0.87	0.13	0.03	1.3565
September	41.04	22.12	13.22	9.73	5.61	3.75	2.58	1.49	0.39	0.08	1.4869
October	47.01	18.85	11.56	8.82	5.68	3.73	2.71	1.20	0.38	0.06	1.3804
November	51.44	17.50	10.45	7.92	5.15	3.76	2.39	1.04	0.27	0.08	1.2606
December	54.21	17.56	11.22	7.79	4.49	2.70	1.47	0.48	0.07	0.01	1.0766

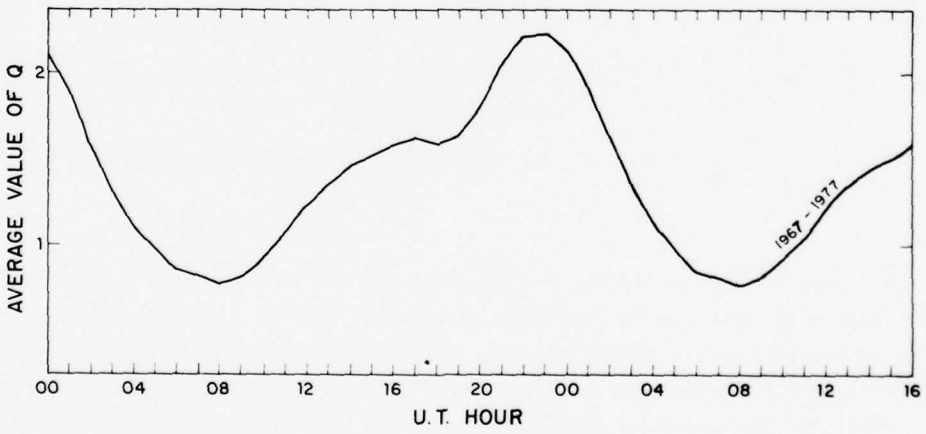

Figure 5. Diurnal Variation of Q for Entire Period 1967 Through 1977 Collectively

After all, the index Q represents the maximum deviation of the horizontal components of the geomagnetic field from the quiet day curve for the time period being considered. The average value of the four largest deviations in an hour would be meaningless.

The difference between the minimum and maximum values in Figure 5 is considerable. The minimum value of approximately 0.8 occurs at 0800 U.T., while the maximum value of approximately 2.22 occurs at 2300 U.T. The ratio of these two values is almost 3.0. As pointed out above, this variation will have an effect upon specific predictions of Q made at any time of day or night during a Solar Cycle. In Figures 6a through 6e are presented the diurnal curves for each year of the period 1964 through 1977. The diurnal curves for each month of this period (a total of 168 months) are contained in an appendix to this report. All of this material will be of value in making predictions at different times in a given Solar Cycle. One possible explanation of the variation between the minimum and the maximum values shown in the above figures for the diurnal variation stems from the fact that the auroral oval is not centered on the earth's axis of rotation so that, for a given level of geomagnetic disturbance, the station at Sondankyla varies in its relative location with respect to the oval as a function of Local Time. Depending upon the time of day at the station, it can be located under the oval or outside of the oval by varying amounts for the same level of geomagnetic disturbance. Future studies will indicate whether or not this explanation alone is sufficient.

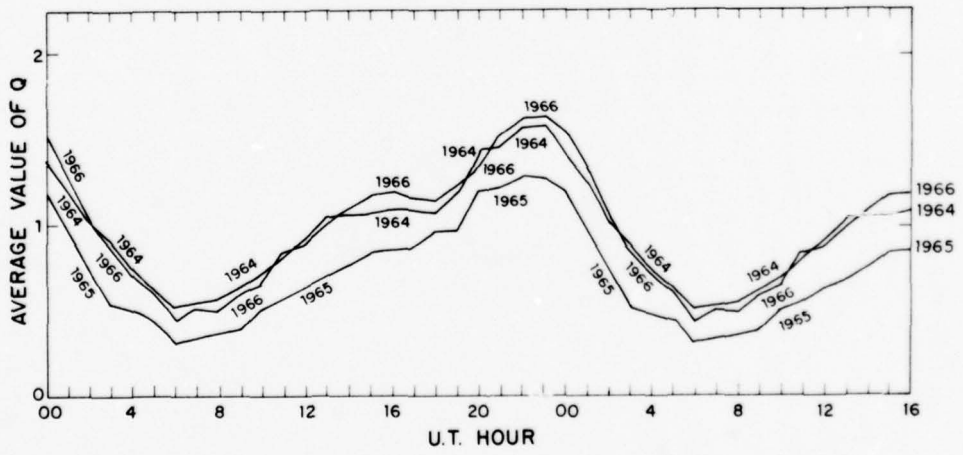

Figure 6a. Diurnal Variation of Q for Each Year 1964 Through 1966 Separately

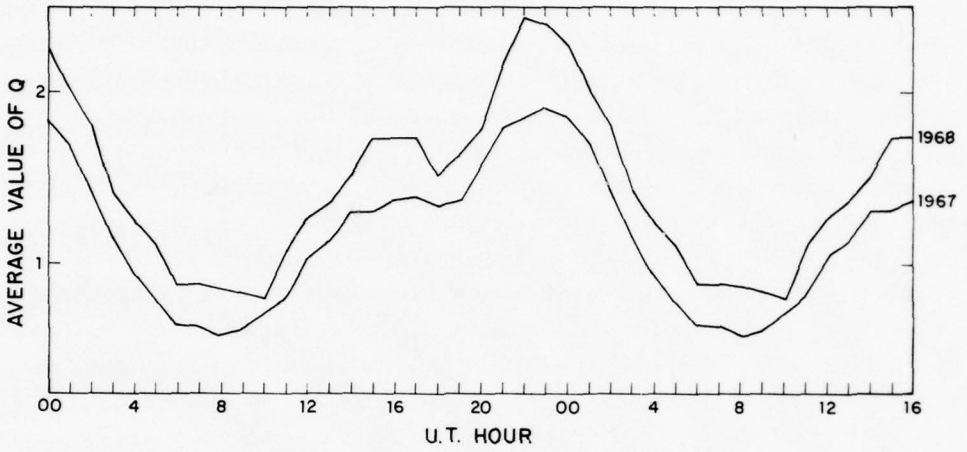

Figure 6b. Diurnal Variation of Q for the Years 1967 and 1968 Separately

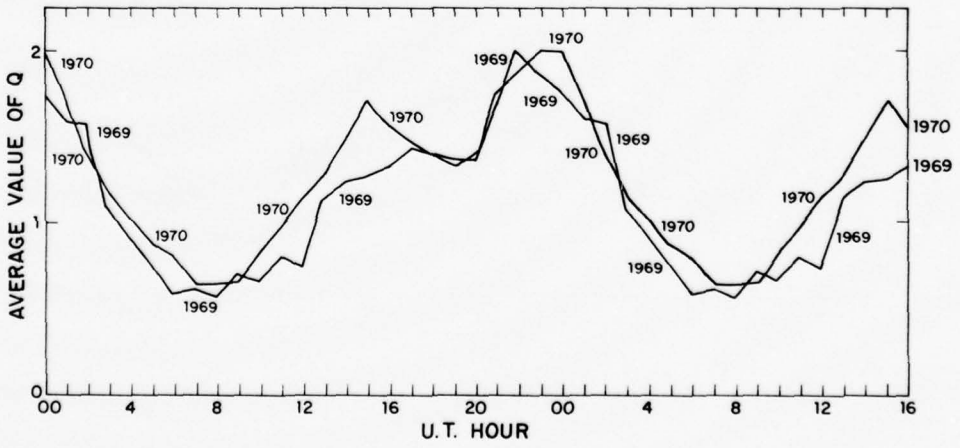

Figure 6c. Diurnal Variation of Q for the Years 1969 and 1970 Separately

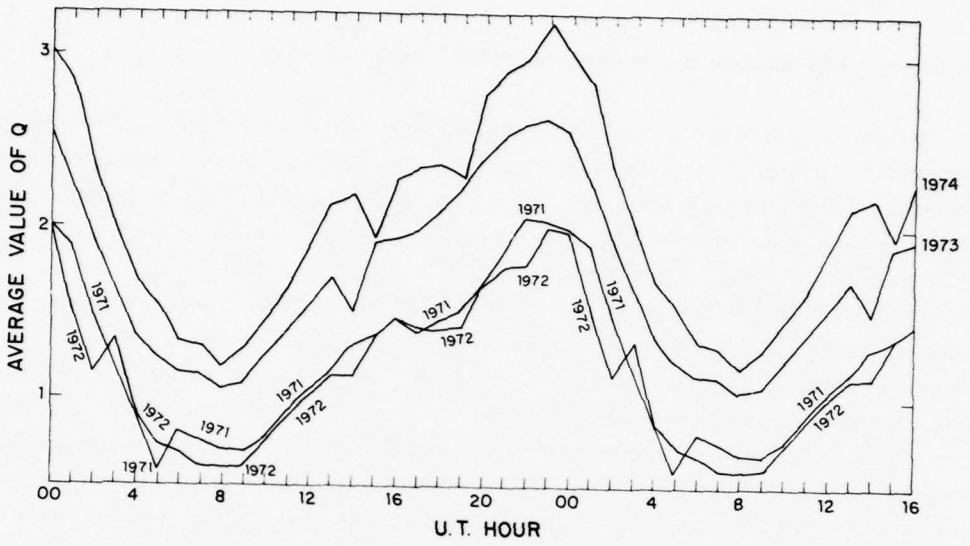

Figure 6d. Dirunal Variation of Q for Each Year 1971 Through 1974 Separately

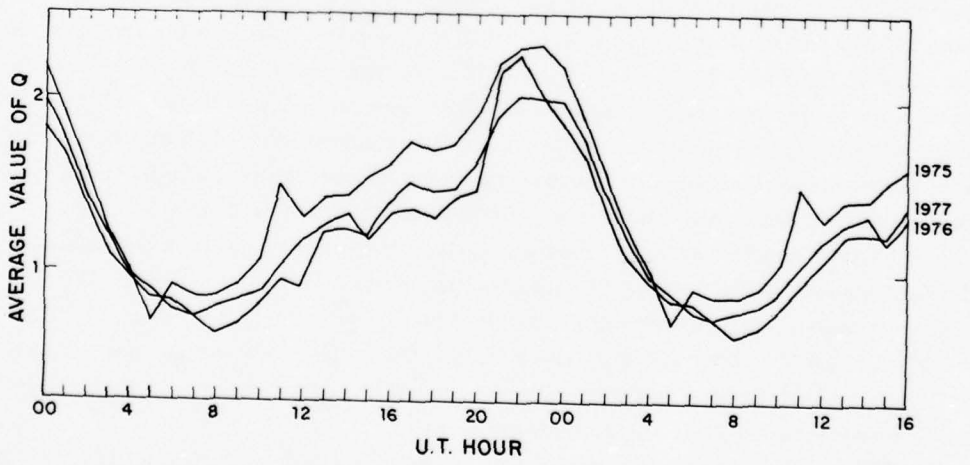

Figure 6e. Diurnal Variation of Q for Each Year 1975 Through 1977 Separately

4. PERSISTENCE AND PREDICTABILITY OF Q: 1967 THROUGH 1977 COLLECTIVELY

4.1 *Subsequent Distributions of Q as a Function of the Current Value of Q*

In Tables 5a through 5j are presented the subsequent distributions of the geomagnetic index Q as a function of the current value of Q for the entire eleven year period from 1967 through 1977. For each current value of Q, from 0 through 9, the subsequent distributions of Q after delays of 15 min, 30 min, 45 min, etc., – up to a delay of 3 hr are presented.

In the context of this report, the expression "current value of Q" means a specific number, from 0 through 9, which was selected in order to determine what value of Q actually did occur in each 15 min interval (up to and including the twelfth such 15 min interval) after each interval in which a value of Q equal to the selected number occurred. Those values of Q which actually did occur in each such 15 min interval are the "subsequent values of Q." The sum total of these "subsequent values of Q," in each numerical category from 0 through 9, in each such 15 min interval, constitutes the "subsequent distributions of Q." The "subsequent distributions of Q" were determined for each "current value of Q" for each of the twelve 15 min time intervals up to 3 hr after each "current value of Q," from 0 through 9, for the entire period 1967 through 1977.

For example, in Table 5a, the number 0 in the table caption indicates that this particular table is restricted to the enumeration of the subsequent distributions of Q in each of twelve successive 15 min steps when the current value of Q is equal to 0. Each of the 162,028 0's which occurred during this eleven year period was selected and it was determined, in each case, what value of Q occurred in the next 15 min interval, in the 15 min interval that started 30 min after the start of the current interval, etc., in 15 min steps up to and including the twelfth subsequent 15 min interval which started 3 hr after the start of the current interval. When all 162,028 of these current 0's were so examined, the total number of the various values of Q which occurred in each subsequent 15 min time interval was determined and this total number was printed in the array in Table 5a.

The first row in Table 5a gives the distribution of Q in the first subsequent 15 min interval which started 15 min after the start of the current interval. In this row, there are 141,719 0's, 18,375 1's, 1,676 2's, 206 3's, 19 4's, 1 each for the 5's, 6's, and 7's, and 2 8's. There were no values of Q equal to 9. The eleven following rows in Table 5a give the Q distributions at successively more delayed times after the current interval.

The format for Tables 5a through 5j, then, is as follows. The table captions indicate the current value of Q that is being considered in each particular table.

The numbers in the column headings (0 through 9) indicate the ten possible values of Q that can occur in any subsequent 15 min interval. The numbers in the row headings (1 through 12) indicate whether it is the first, second, third, —or twelfth subsequent 15 min interval after the current interval that is being considered in that particular row. Each number in the array indicates the total number of values of the indicated value of Q which occurred after a delay of N × 15 min subsequent to the occurrence of a value of Q indicated in the table caption.

In Tables 6a through 6j, this same information is presented in terms of percentages of the total number of each selected value of Q which occurred in the entire eleven year period. The percentages are the same as the probabilities of occurrence of each value of Q at each specific subsequent time after the current time and will be explicitly referred to as such from this point on. In the bottom row of each of these tables, is presented the a priori probability of the occurrence of each value of Q from 0 through 9 taken directly from Table 1. By comparing each row in Tables 6a through 6j with the bottom row in each table, it is easily seen that there is a high degree of persistence associated with the geomagnetic index Q up to at least 3 hr subsequent to the current value of Q. In all twelve rows in all ten tables, the numbers are significantly different from the corresponding numbers in the bottom row of each table with a bias in each distribution towards the value specified in each table caption.

Tables 5 and 6 show that the prior occurrence of any value of Q significantly alters future distributions of Q in the sense that Q's of any value tend to be followed by Q's of the same or similar value. The point made in the above-mentioned technical report of 27 April 1977 is, thereby, established. There is a high degree of persistence and a high degree of predictability associated with the geomagnetic index Q.

In Tables 7a through 7h is presented the probability that Q will be greater than or equal to any value from 1 through 8 at any subsequent time up to a lag of 3 hr and for any current value of Q from 0 through 9. The probability that Q is greater than or equal to 0 is always 100 percent and the probability that Q is greater than or equal to 9 is the same as the probability that Q is equal to 9 which was given in Table 5.

Generally speaking, it is unlikely that any subsequent value of Q will be greater than or equal to any value of Q that is greater than the current value. For example, when the current value of Q is equal to 3, the probability that any subsequent value of Q for up to 3 hr after the current interval will be greater than or equal to 1 or 2 is high. The probability, under these circumstances, that Q will be greater than or equal to 3 itself is greater than 50 percent for 75 min subsequent to the current time. The probability that Q will be greater than or equal to any value in excess of 3 when the current value of Q is equal to 3 is small (always less than 50 percent) for any time lag considered here.

The a priori probability that a disturbed geomagnetic condition characterized by a Q index of 4 or greater will occur at any specified time is only 13 percent based on the population statistics presented in Table 1. Therefore, it would never be reasonable to predict, a priori, that such a disturbed condition will occur at any specified time. There is always an a priori probability of 87 percent that a Q index of 4 or greater will not occur at any specified time.

However, if, at the current moment, the most recent value of Q is known, then more useful predictions can be made. In Table 7d it can be seen that, when the current value of Q has been determined to be any number from 0 through 3, then the probability that any subsequent value of Q will be greater than or equal to 4 is always small for any time delay up to 3 hr. When the current value of Q is 4, however, then the probability that Q will be greater than or equal to 4 exceeds 50 percent up to 45 min after the current time. When the current value of Q is 5, then the probability that Q will be greater than or equal to 4 is greater than 50 percent up to 135 min after the current time. When the current value of Q is 6, 7, 8, or 9, then the probability that Q will be greater than or equal to 4 is always greater than 50 percent for all time delays up to 3 hr.

In other words, Table 7d shows that, for a time delay of up to 45 min from the current time, the probability that Q will be greater than or equal to 4 is always greater than 50 percent when the current value of Q is any number from 4 through 9. If the current value of Q is any number from 0 through 3, the probability that any subsequent value of Q will be greater than or equal to 4 is small for any time delay up to 3 hr.

In Table 8 is presented the probability that the subsequent value of Q, for any time delay up to 3 hr, is equal to the current value of Q ± 1. For example, when the current value of Q is 0, the probability that Q will be either 0 or 1 in the next 15 min is 98.81 percent. This probability gradually decreases until it is equal to 87.28 percent after a delay of 3 hr. Yet, the a priori probability that Q will be 0 or 1 is 63.48 percent. This table shows that persistance alone provides an excellent basis for predicting Q in advance within a very narrow range of the current value of Q.

In an appendix to this report will be presented the information contained in Tables 5 and 6 for each year of the period 1964 through 1977.

4.2 Current Distributions of Q Subsequent to Continuous Sequences of Constant Q

Now, the predictability of Q will be considered from another point of view. At any given time (for example, right now), the value of Q being measured at a particular station is not known. It would be necessary to wait, on the average, 7.5 min to determine the true value of Q at this moment even if all of the necessary calculations could be performed instantaneously. It has been demonstrated

in this study that knowledge of prior values of Q alters the a priori probability of any particular value of Q occurring right now.

Consider the case where, for the last N × 15 min intervals (where N can go from 1 to 11), the value of Q was a constant. The probability that the current value of Q is any number from 0 through 9 has been determined for each such case.

In Tables 9a through 9j are presented the distributions of Q subsequent to the occurrence of N × 15 min intervals during which Q was a constant value. The format in Table 9a will serve as a model for the other nine tables. The table caption in Table 9a indicates that the constant value of Q under consideration is 0. The column headings in Table 9a indicate that Q has been equal to 0 for 1, 2, 3, etc. — up to eleven 15 min intervals (2 hr and 45 min) prior to the current interval. The row headings, from 0 through 9, indicate the ten possible values of Q that can occur at any time. Each column, then, presents the distribution of Q (in absolute numbers) when Q has been equal to 0 constantly for the past N × 15 min. The successive Tables 9b through 9j have the same format as Table 9a except that the constant value of Q under consideration, as indicated in each table caption, varies consecutively from 1 through 9. All of the Q data for 1967-1977 were used in the above tables.

Tables 10a through 10j present the results already shown in Tables 9a through 9j in terms of percentages (that is, probabilities of occurrence) of the total number of each current value of Q from 0 through 9.

Table 10a indicates clearly that knowledge of prior values of Q enhances the ability to determine the current unknown value of Q. For example, from Table 1, the a priori probability that the current value of Q is 0 is 42.01 percent. However, if it is known that Q was equal to 0 for the past 15 min, then the probability that the current value of Q is 0 is 87.48 percent. Moving across the row labeled 0 in Table 10a, the probability that the current value of Q is 0 increases monotonically until it reaches 94.94 percent when it is known that Q was equal to 0 continuously for the past 2 hr and forty-five min.

This type of result has been achieved consistently for all values of Q throughout this entire period for each month, for each year and for the entire period taken as a whole. Examples of these results are presented in Tables 12(a-j) through 33(a-j) for each of the years 1964 through 1977 and for the months of March, June, September, and December in the years 1969 and 1974. The other results referred to above will be contained in an appendix to this report.

In Table 11 is shown the probability that any sequence of constant Q will be followed by a value of Q that is within ±1 of any such constant value of Q for all sequences up to 2 hr and forty-five min. All of the numbers in this array are in excess of 90 percent. This degree of precision and accuracy would be adequate for frequency management in polar region HF radio propagation applications.

5. Q SEQUENCES IN THE YEARS 1967 THROUGH 1977

Table 34 presents the number of homogeneous groups that occurred during this eleven year period. Each row gives the number of sequences of Q which had anywhere from 1 to 10 successive intervals in which the value of Q was equal to that shown in the row heading. The number of groups in which a constant value of Q persisted for 11 or more 15 min sequences in a row is presented in a separate column. There was a grand total of 117, 769 groups containing 385, 728 individual Q values.

In the course of this study, the percentage of time was determined during which any value of Q was actually exceeded continuously for any given period of time up to the longest such period of time which was observed in all the years studied. The year 1967 has been chosen to illustrate the distribution of actual durations of sequences of Q's during which the value of Q always exceeded any given value for any specified length of time. These results are presented in Table 35. Results for the entire fourteen year period 1964 through 1977 will be presented in an appendix to this report.

For example, sequences in which Q is always greater than or equal to 4 which have durations in excess of 2 hr were in existence 7.15 percent of the time in 1967. From this it can be concluded that, in this part of the Solar Cycle, such sequences can be expected to occur 7.15 percent of the time. Similar statements can be made about any other feasible sequence of interest. The longest sequence in the year 1967 for which the value of Q was always greater than or equal to 4 lasted for twenty-one hr. Results like these and those in Section 4 could provide a basis for predicting a particular level of Q and its probable duration.

6. CONCLUSIONS

The conclusions regarding the geomagnetic index Q which were clearly stated in the above-mentioned report of 27 April 1977 by this author have been shown to be correct. It has been demonstrated in this present report that the geomagnetic index Q does indeed have a high degree of persistence and that it can be predicted in advance and in real time on this basis alone. Specific results have also been provided.

These results will have immediate application to the prediction of HF propagation conditions in the polar region in terms of the Reilly Indices and the Reilly Conditions as defined in the above-mentioned report of 27 April 1977. This current report provides information regarding the properties of the geomagnetic index Q and its prediction to any user of this index in the field of HF propagation in the polar region or in any other relevant geophysical discipline. Future work will further enhance the predictability of Q for each application as was indicated in the Introduction of this report.

Table 5a. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 0: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	141719	18379	1676	206	19	1	1	1	2	0
2	133620	23571	3925	765	105	8	3	1	2	0
3	129176	25431	5519	1454	253	45	10	2	3	[illegible]
4	125739	26651	6783	2132	528	122	36	5	3	1
5	122781	27564	7301	2719	763	265	74	[illegible]	4	1
6	120406	28125	8669	3248	1000	401	124	23	3	1
7	118356	28842	9312	3711	1249	521	177	30	7	1
8	116584	29062	9872	4137	1462	613	219	43	6	2
9	115003	29322	10461	4555	1647	682	259	61	7	3
10	113576	29660	10893	4911	1811	754	304	77	16	2
11	112227	29979	11325	5261	1923	879	343	37	19	1
12	111094	30344	11654	5435	2048	911	367	105	20	2

Table 5b. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 1: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	18882	49626	12554	1494	151	20	2	[illegible]	6	0
2	24306	33324	14873	3479	596	123	17	4	1	0
3	26217	35015	15122	4806	1162	303	69	15	1	0
4	27307	32296	15124	5604	1632	554	175	32	5	0
5	28106	30400	14877	6216	1973	715	272	56	13	0
6	28499	29117	14624	6636	2374	493	377	46	22	1
7	28808	28057	14431	6984	2692	1144	465	124	22	2
8	29143	27065	14346	7232	2929	1299	529	155	27	2
9	29446	26319	14203	7439	3090	1449	584	176	27	3
10	29696	25686	14106	7586	3230	1562	652	189	26	3
11	30020	25003	13950	7730	3329	1662	717	205	29	3
12	30205	24622	13801	7903	3420	1722	793	235	25	3

Table 5c. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 2: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	1317	13285	28852	3394	821	104	15	2	1	1
2	3587	15719	21161	9692	2025	471	118	17	1	1
3	5340	15823	17957	9582	2830	915	283	58	3	1
4	6644	15555	16057	9406	3279	1256	460	121	13	1
5	7650	15184	14779	9207	3639	1467	664	174	32	0
6	8536	14755	13957	9018	3827	1667	773	230	28	1
7	9251	14419	13376	8789	3923	1869	869	254	30	3
8	9781	14250	12841	8609	4011	2009	965	259	41	7
9	10252	14137	12334	8481	4102	2099	1048	291	44	7
10	10746	14036	11890	8410	4085	2163	1089	315	46	6
11	11176	13891	11641	8195	4164	2187	1126	350	44	[illegible]
12	11590	13689	11365	8097	4178	2270	1152	322	50	9

Table 5d. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 3: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	72	1377	8905	20901	5315	782	116	[illegible]	1	2
2	446	3613	10305	14695	6071	1796	479	55	6	3
3	1104	5112	10063	12019	5819	2350	799	139	29	5
4	1889	5875	9640	10529	5555	2618	1045	277	43	7
5	2613	6396	9368	9442	5296	2770	1140	336	60	9
6	3245	6752	9003	8735	5065	2842	1267	441	74	5
7	3789	7002	8710	8363	4872	2803	1362	475	75	11
8	4253	7183	8414	8047	4750	2787	1407	565	62	11
9	4583	7326	8230	7696	4603	2799	1493	571	80	11
10	5031	7430	8047	7374	4545	2500	1579	621	83	13
11	5352	7551	7790	7174	4456	2813	1609	614	96	12
12	5599	7565	7771	6988	4357	2787	1666	629	93	17

Table 5e. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 4: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	5	61	752	5770	11081	3307	451	57	[illegible]	[illegible]
2	35	438	2129	6645	7308	3642	1038	230	21	3
3	139	1058	3005	6290	5784	3381	1360	[illegible]	47	4
4	337	1747	3506	5700	4957	3166	1459	511	46	6
5	649	2173	3697	5406	4391	2907	1523	[illegible]	[illegible]	[illegible]
6	944	2530	3790	5094	3993	2793	1602	627	101	13
7	1291	2757	3879	4821	3741	2659	1570	674	126	13
8	1500	2987	3946	4547	3529	2535	1603	682	146	14
9	1695	3191	3889	4440	3377	2433	1570	731	140	13
10	1870	3205	3956	4230	3273	2386	1585	726	140	24
11	2004	3409	3998	4049	3193	2379	1565	744	144	[illegible]
12	2156	3517	3941	4025	3044	2352	1544	716	176	18

Table 5f. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 5: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	2	3	49	667	3657	7343	2140	218	23	3
2	5	58	354	1859	4071	4772	2414	526	86	6
3	24	221	936	2514	3688	3779	2234	726	126	10
4	78	467	1254	2831	3307	3173	2107	772	140	22
5	173	736	1570	2835	3075	2738	1992	734	142	26
6	293	1006	1780	2892	2859	2516	1807	837	166	29
7	420	1252	1926	2797	2653	2359	1749	817	147	31
8	552	1424	2029	2784	2451	2255	1580	735	151	30
9	677	1545	2195	2647	2337	2158	1689	730	155	34
10	779	1636	2253	2671	2235	2014	1550	801	185	27
11	858	1750	2319	2650	2134	1955	1498	778	192	36
12	954	1847	2335	2607	2126	1858	1429	773	184	38

Table 5g. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 6: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	1	0	3	46	418	2389	5132	1147	71	2
2	1	3	42	314	1145	2726	3419	1376	183	16
3	0	33	188	700	1578	2460	2781	1278	218	33
4	8	120	347	1015	1680	2270	2347	1173	232	33
5	28	240	556	1202	1678	2122	2099	1040	233	53
6	72	348	745	1304	1676	1957	1693	976	217	37
7	119	473	859	1438	1610	1828	1738	930	223	37
8	158	594	975	1473	1601	1718	1603	851	212	40
9	204	686	1031	1555	1562	1579	1596	801	212	39
10	255	755	1141	1575	1525	1534	1433	756	207	44
11	302	810	1243	1599	1506	1421	1333	776	195	46
12	324	877	1329	1606	1492	1333	1264	767	190	47

Table 5h. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 7: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	2	0	0	1	27	193	1270	2470	359	25
2	1	0	2	28	159	560	1528	1662	378	44
3	2	3	21	108	336	784	1411	1307	338	52
4	1	14	67	278	472	804	1312	1070	309	62
5	6	40	130	310	545	819	1208	940	266	61
6	10	84	194	410	585	814	1106	852	250	57
7	18	116	249	441	605	788	991	796	258	58
8	29	154	318	524	624	755	926	737	246	43
9	46	191	397	540	633	761	844	674	238	42
10	47	210	437	595	635	723	819	630	210	41
11	51	234	449	642	668	714	785	584	196	41
12	75	241	501	665	664	715	733	543	189	36

Table 5i. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 8: 1967 Through 1977 Collectively

	0	1	2	3	4	5	6	7	8	9
1	0	0	1	0	0	9	48	418	516	71
2	0	1	0	2	8	42	197	437	303	74
3	1	1	1	9	31	109	295	395	236	59
4	1	1	3	23	71	140	253	337	192	43
5	1	2	13	59	94	150	230	301	174	38
6	0	8	27	85	95	151	235	271	159	33
7	1	8	47	94	110	154	238	246	138	40
8	3	8	47	114	117	153	220	228	140	34
9	3	10	91	122	118	167	209	230	132	22
10	2	20	67	110	129	172	206	204	136	18
11	4	25	79	120	124	165	209	195	123	14
12	4	27	84	141	133	170	217	160	166	13

Table 5j. Subsequent Distributions of Q (in Absolute Numbers) for the Current Value of Q = 9: 1967 Through 1977 Collectively.

	0	1	2	3	4	5	6	7	8	9
1	1	1	0	0	0	1	2	12	87	93
2	1	0	1	0	1	5	12	44	83	50
3	0	0	1	1	2	14	24	57	62	49
4	0	1	0	1	8	24	31	53	47	26
5	0	1	0	5	15	17	37	50	46	18
6	0	1	1	7	15	17	41	57	44	14
7	0	1	1	11	14	23	51	49	36	9
8	0	1	2	12	15	29	53	44	33	8
9	0	1	3	14	20	32	50	35	29	13
10	0	1	4	17	21	31	48	35	21	15
11	0	1	4	15	20	30	46	33	22	16
12	0	1	9	12	27	33	38	37	26	14

Table 6a. Subsequent Distributions of Q (in %) for the Current Value of Q = 0: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	87.47	11.34	1.03	0.13	0.01	0.00	0.00	0.00	0.00	0.00
N = 2	82.47	14.55	2.42	0.47	0.06	0.00	0.00	0.00	0.00	0.00
N = 3	79.72	15.70	3.47	0.90	0.16	0.03	0.01	0.00	0.00	0.00
N = 4	77.60	16.45	4.19	1.32	0.33	0.08	0.02	0.00	0.00	0.00
N = 5	75.78	17.01	4.81	1.68	0.48	0.16	0.05	0.00	0.00	0.00
N = 6	74.31	17.36	5.35	2.00	0.62	0.25	0.08	0.01	0.00	0.00
N = 7	73.05	17.68	5.75	2.29	0.77	0.32	0.11	0.02	0.00	0.00
N = 8	71.95	17.94	6.09	2.55	0.90	0.38	0.14	0.03	0.00	0.00
N = 9	70.98	18.10	6.46	2.81	1.02	0.42	0.16	0.04	0.00	0.00
N = 10	70.10	18.31	6.72	3.03	1.12	0.47	0.19	0.05	0.01	0.00
N = 11	69.26	18.50	7.00	3.25	1.19	0.57	0.21	0.06	0.01	0.00
N = 12	68.56	18.72	7.19	3.35	1.26	0.56	0.24	0.06	0.01	0.00
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6b. Subsequent Distributions of Q (in %) for the Current Value of Q = 1: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	22.82	60.00	15.17	1.81	0.18	0.02	0.00	0.00	0.00	0.00
N = 2	29.38	47.53	17.98	4.20	0.72	0.16	0.02	0.00	0.00	0.00
N = 3	31.69	42.32	18.28	5.81	1.40	0.37	0.11	0.02	0.00	0.00
N = 4	33.00	39.03	18.28	6.77	1.97	0.67	0.21	0.04	0.01	0.00
N = 5	33.97	36.74	17.98	7.51	2.38	0.99	0.33	0.07	0.02	0.00
N = 6	34.45	35.19	17.68	8.02	2.87	1.20	0.46	0.10	0.03	0.00
N = 7	34.82	33.91	17.44	8.44	3.25	1.38	0.56	0.15	0.03	0.00
N = 8	35.22	32.71	17.34	8.74	3.54	1.57	0.64	0.19	0.03	0.00
N = 9	35.59	31.81	17.17	8.99	3.73	1.75	0.71	0.21	0.03	0.00
N = 10	35.89	31.05	17.05	9.17	3.90	1.89	0.79	0.23	0.02	0.00
N = 11	36.28	30.22	16.86	9.34	4.02	2.01	0.87	0.25	0.03	0.00
N = 12	36.51	29.76	16.68	9.55	4.13	2.08	0.96	0.28	0.03	0.00
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6c. Subsequent Distributions of Q (in %) for the Current Value of Q = 2: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	2.49	25.16	54.65	15.90	1.56	0.20	0.03	0.00	0.00	0.00
N = 2	6.79	29.77	40.08	18.36	3.84	0.89	0.22	0.03	0.00	0.00
N = 3	10.11	29.97	34.01	18.15	5.36	1.73	0.54	0.11	0.01	0.00
N = 4	12.58	29.46	30.41	17.82	6.21	2.38	0.87	0.23	0.02	0.00
N = 5	14.49	28.76	27.99	17.44	6.89	2.78	1.27	0.30	0.06	0.00
N = 6	16.17	27.95	26.44	17.08	7.25	3.16	1.46	0.44	0.05	0.00
N = 7	17.52	27.31	25.34	16.65	7.43	3.54	1.65	0.50	0.06	0.01
N = 8	18.53	26.99	24.32	16.31	7.60	3.80	1.87	0.49	0.08	0.01
N = 9	19.42	26.78	23.36	16.06	7.77	3.97	1.98	0.55	0.08	0.01
N = 10	20.35	26.59	22.52	15.93	7.74	4.11	2.06	0.60	0.06	0.01
N = 11	21.17	26.31	22.05	15.52	7.89	4.14	2.13	0.68	0.08	0.02
N = 12	21.95	26.93	21.53	15.34	7.91	4.30	2.18	0.74	0.09	0.02
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6d. Subsequent Distributions of Q (in %) for the Current Value of Q = 3: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	0.19	3.67	23.76	55.76	14.18	2.09	0.31	0.02	0.00	0.01
N = 2	1.19	9.64	27.49	39.21	16.20	4.76	1.28	0.17	0.02	0.01
N = 3	2.95	13.64	26.85	32.07	15.52	6.30	2.13	0.48	0.05	0.01
N = 4	5.04	15.67	25.74	28.09	14.82	6.98	2.79	0.73	0.11	0.01
N = 5	6.97	17.04	24.97	25.19	14.11	7.41	3.04	1.03	0.16	0.01
N = 6	8.66	18.01	24.02	23.44	13.51	7.58	3.38	1.18	0.20	0.01
N = 7	10.08	18.68	23.24	22.31	13.00	7.49	3.69	1.27	0.20	0.03
N = 8	11.35	19.16	22.45	21.47	12.67	7.44	3.75	1.51	0.17	0.03
N = 9	12.50	19.55	21.96	20.51	12.28	7.47	3.98	1.52	0.21	0.03
N = 10	13.42	19.82	21.46	19.67	12.13	7.47	4.11	1.66	0.22	0.03
N = 11	14.28	20.15	20.80	19.14	11.89	7.50	4.29	1.65	0.26	0.03
N = 12	14.94	20.18	20.73	18.64	11.62	7.44	4.45	1.68	0.26	0.05
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6e. Subsequent Distributions of Q (in %) for the Current Value of Q = 4: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)

Q =	0	1	2	3	4	5	6	7	8	9
N = 1	0.02	0.28	3.50	26.85	51.56	15.39	2.10	0.27	0.02	0.00
N = 2	0.16	2.04	9.91	30.92	34.01	16.95	4.83	1.07	0.10	0.01
N = 3	0.65	5.06	13.98	29.27	26.91	15.73	6.33	1.77	0.27	0.02
N = 4	1.57	8.13	16.31	26.52	23.07	14.83	6.79	2.38	0.37	0.03
N = 5	3.02	10.11	18.05	25.17	20.43	13.90	7.09	2.65	0.36	0.08
N = 6	4.39	11.77	17.64	23.70	18.58	13.00	7.45	2.90	0.47	0.09
N = 7	5.82	12.83	18.05	22.43	17.41	12.36	7.31	3.14	0.59	0.06
N = 8	6.98	13.90	18.36	21.16	16.42	11.80	7.46	3.17	0.68	0.07
N = 9	7.89	14.85	18.08	20.66	15.71	11.32	7.34	3.40	0.65	0.09
N = 10	8.70	15.33	18.54	19.68	15.23	11.10	7.38	3.38	0.65	0.13
N = 11	9.33	15.84	18.54	19.03	14.67	11.05	7.28	3.42	0.72	0.11
N = 12	10.03	16.37	18.34	18.73	14.16	10.94	7.18	3.33	0.82	0.08
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6f. Subsequent Distributions of Q (in %) for the Current Value of Q = 5: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)

Q =	0	1	2	3	4	5	6	7	8	9
N = 1	0.01	0.02	0.35	4.71	25.84	51.93	15.41	1.54	0.16	0.02
N = 2	0.04	0.41	2.50	13.14	28.77	33.72	17.06	3.72	0.61	0.04
N = 3	0.17	1.56	5.90	17.77	26.06	26.70	15.79	5.09	0.89	0.07
N = 4	0.55	3.30	8.86	20.00	23.37	22.42	14.89	5.46	0.99	0.16
N = 5	1.22	5.20	11.15	20.46	21.73	19.20	14.08	4.97	1.14	0.18
N = 6	2.07	7.11	12.58	20.44	20.20	17.78	12.77	5.67	1.17	0.20
N = 7	2.97	8.85	13.61	19.77	18.75	16.67	12.36	5.77	1.04	0.22
N = 8	3.90	10.06	14.34	19.67	17.32	15.94	11.87	5.62	1.07	0.22
N = 9	4.78	10.92	15.51	18.71	16.51	15.19	11.37	5.64	1.10	0.27
N = 10	5.50	11.56	15.92	18.87	15.79	14.23	10.95	5.66	1.31	0.19
N = 11	6.01	12.37	16.38	18.73	15.08	13.82	10.54	5.44	1.36	0.23
N = 12	6.74	13.05	16.50	18.42	15.02	13.13	10.10	5.46	1.30	0.27
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.38	1.13	0.28	0.05

Table 6g. Subsequent Distributions of Q (in %) for the Current Value of Q = 6: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	0.01	0.00	0.03	0.50	4.53	25.85	55.63	12.65	0.77	0.02
N = 2	0.01	0.03	0.46	3.40	12.41	29.55	37.06	14.92	1.98	0.17
N = 3	0.00	0.36	1.80	7.59	17.11	26.67	29.93	13.83	2.36	0.36
N = 4	0.09	1.30	3.76	11.00	18.21	24.61	25.44	12.72	2.51	0.36
N = 5	0.30	2.60	6.03	13.03	18.19	23.00	22.28	11.71	2.53	0.36
N = 6	0.78	3.77	8.08	14.14	18.17	21.21	20.52	10.58	2.35	0.40
N = 7	1.29	5.13	9.31	15.59	17.45	19.82	18.84	9.76	2.42	0.40
N = 8	1.71	6.44	10.57	15.97	17.36	18.62	17.38	9.22	2.30	0.43
N = 9	2.21	7.44	11.18	16.86	16.93	17.12	16.87	8.68	2.30	0.42
N = 10	2.76	8.18	12.37	17.07	16.53	16.63	15.53	8.20	2.24	0.48
N = 11	3.27	8.78	13.47	17.33	16.33	15.40	14.45	8.35	2.11	0.50
N = 12	3.51	9.51	14.41	17.41	16.17	14.45	13.70	8.27	2.06	0.51
A Prior %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6h. Subsequent Distributions of Q (in %) for the Current Value of Q = 7: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	0.05	0.00	0.00	0.02	0.62	4.42	29.30	56.63	8.02	0.57
N = 2	0.02	0.00	0.05	0.64	3.65	12.84	35.03	38.10	8.67	1.01
N = 3	0.05	0.07	0.48	2.48	7.70	17.97	32.35	29.96	7.75	1.19
N = 4	0.02	0.32	1.54	5.46	10.82	18.52	30.08	24.74	7.08	1.42
N = 5	0.14	0.92	2.98	7.57	12.49	18.78	27.97	21.76	6.01	1.40
N = 6	0.23	1.93	4.45	9.40	13.41	18.66	25.36	19.53	5.73	1.31
N = 7	0.41	2.66	5.71	11.03	14.33	18.06	22.72	16.19	5.73	1.15
N = 8	0.66	3.53	7.29	12.01	14.31	17.31	21.23	16.90	5.64	1.12
N = 9	0.92	4.38	9.10	12.38	14.51	17.49	19.35	15.45	5.46	0.96
N = 10	1.08	4.81	10.02	13.64	14.56	16.71	18.78	14.65	4.81	0.94
N = 11	1.17	5.36	10.29	14.67	15.31	16.37	16.16	11.55	4.49	0.94
N = 12	1.72	5.52	11.49	15.25	15.22	16.39	16.80	12.45	4.33	0.83
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6i. Subsequent Distributions of Q (in %) for the Current Value of Q = 8: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	0.00	0.00	0.09	0.00	0.00	0.85	4.51	39.38	48.50	6.67
N = 2	0.00	0.09	0.00	0.19	0.75	3.95	18.52	41.07	28.48	6.95
N = 3	0.09	0.09	0.09	0.47	2.91	10.24	23.97	34.40	22.18	5.55
N = 4	0.09	0.09	0.28	2.16	6.67	13.16	23.78	31.67	18.05	4.04
N = 5	0.09	0.19	1.22	5.17	8.83	14.10	22.18	28.29	16.35	3.57
N = 6	0.00	0.75	2.54	7.99	8.93	14.19	22.09	25.47	14.94	3.10
N = 7	0.09	0.75	4.42	7.89	10.34	14.47	22.37	22.93	12.97	3.76
N = 8	0.28	0.75	4.42	10.71	11.00	14.38	20.68	21.43	13.16	3.20
N = 9	0.28	0.94	4.79	11.47	11.09	15.70	19.64	21.62	12.41	2.07
N = 10	0.19	1.88	6.30	10.34	12.12	16.17	19.36	19.17	12.78	1.69
N = 11	0.38	2.35	7.05	11.84	11.28	15.51	19.64	18.33	11.56	1.39
N = 12	0.88	2.54	7.89	13.24	12.50	15.98	20.39	15.88	9.96	1.22
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 6j. Subsequent Distributions of Q (in %) for the Current Value of Q = 9: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Q = 0	1	2	3	4	5	6	7	8	9
N = 1	0.51	0.51	0.00	0.00	0.00	0.51	1.02	6.09	44.16	47.21
N = 2	0.51	0.00	0.51	0.00	0.51	2.54	6.09	22.34	42.13	25.38
N = 3	0.00	0.00	0.51	0.51	1.02	7.61	12.18	28.93	31.47	17.77
N = 4	0.00	0.51	0.00	0.51	4.06	12.18	15.74	29.95	23.86	13.20
N = 5	0.00	0.51	0.00	2.54	7.61	8.63	18.78	25.38	23.35	5.08
N = 6	0.00	0.51	0.51	3.55	7.61	8.63	20.81	28.93	22.34	7.11
N = 7	0.00	0.51	0.51	5.58	7.11	11.68	25.89	24.87	15.23	4.57
N = 8	0.00	0.51	1.02	6.09	7.61	14.72	26.90	22.34	16.75	4.06
N = 9	0.00	0.51	1.52	7.11	10.15	16.24	25.38	17.77	14.72	6.60
N = 10	0.00	0.51	2.03	8.63	10.66	15.74	24.37	19.80	10.66	7.61
N = 11	0.00	0.51	3.05	7.61	10.15	15.23	23.35	16.75	11.17	8.12
N = 12	0.00	0.51	4.57	6.09	13.71	16.75	19.29	18.78	13.20	7.11
A Priori %	42.01	21.45	13.69	9.72	5.57	3.67	2.39	1.13	0.28	0.05

Table 7a. Percentage of Subsequent Values of $Q \geq 1$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q: 0	1	2	3	4	5	6	7	8	9
N = 1	12.51	77.18	97.50	99.80	99.97	99.14	99.97	99.28	99.99	99.50
N = 2	17.90	70.61	93.19	98.78	99.84	99.98	100.00	99.99	99.95	99.50
N = 3	20.27	68.31	89.88	97.03	100.00	99.82	100.00	98.68	99.89	100.00
N = 4	22.39	66.98	91.82	94.94	98.43	99.45	99.91	98.94	99.98	100.00
N = 5	24.19	66.02	85.49	92.96	97.83	98.11	99.73	99.88	99.90	91.80
N = 6	25.67	65.60	83.83	91.33	95.60	97.92	98.52	99.78	100.00	100.00
N = 7	26.99	65.16	82.43	89.91	94.18	97.04	99.00	97.51	100.00	95.95
N = 8	28.03	64.76	81.47	88.65	93.02	96.09	98.29	99.44	99.43	100.00
N = 9	29.01	64.40	80.56	87.51	92.10	95.18	97.80	99.16	99.71	99.97
N = 10	29.90	64.30	79.62	86.57	91.40	95.44	97.23	98.92	99.81	100.00
N = 11	30.73	61.60	78.82	85.71	90.86	94.06	96.72	95.14	98.55	96.14
N = 12	31.39	63.47	78.06	85.05	89.98	93.25	96.49	98.29	99.60	100.00

Table 7b. Percentage of Subsequent Values of $Q \geq 2$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q: 0	1	2	3	4	5	6	7	8	9
N = 1	1.17	17.18	72.34	96.13	99.69	99.12	99.97	99.28	99.99	98.99
N = 2	2.95	23.08	63.42	89.14	97.80	99.57	100.00	99.99	99.86	99.50
N = 3	4.57	25.99	59.91	83.39	95.28	98.26	99.65	98.61	99.81	100.00
N = 4	5.94	27.95	61.85	79.27	90.30	96.15	98.61	98.62	99.81	99.50
N = 5	7.18	29.28	56.73	75.92	87.72	92.91	97.13	98.96	99.71	91.29
N = 6	8.31	30.31	55.88	73.32	83.83	90.81	95.75	97.85	99.25	99.49
N = 7	9.31	31.25	55.12	71.23	81.35	88.19	93.87	94.89	99.45	95.44
N = 8	10.09	32.05	54.48	69.49	79.12	86.03	91.85	95.91	98.68	99.49
N = 9	10.91	32.59	53.78	67.96	77.25	84.26	90.36	94.78	98.77	99.46
N = 10	11.59	33.25	53.03	66.75	76.07	83.88	89.05	94.11	97.93	99.60
N = 11	12.23	31.38	52.51	65.56	75.02	81.68	87.94	89.78	96.60	95.63
N = 12	12.67	33.71	52.11	64.87	73.58	80.20	86.98	92.77	97.06	99.50

Table 7c. Percentage of Subsequent Values of $Q \geq 3$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.14	2.01	17.69	72.37	96.19	98.77	99.94	99.28	99.91	98.99
N = 2	0.53	5.10	23.34	61.65	87.99	97.07	99.65	99.94	99.86	98.99
N = 3	1.10	7.71	25.90	56.54	81.30	92.37	97.85	98.13	99.72	99.49
N = 4	1.75	9.67	27.84	53.53	73.99	87.29	94.85	97.08	99.53	99.50
N = 5	2.37	11.30	28.74	50.95	69.68	81.76	91.10	95.98	98.49	91.29
N = 6	2.96	12.63	29.44	49.30	66.19	78.23	87.67	93.40	96.71	98.98
N = 7	3.56	13.81	29.78	47.99	63.30	74.58	84.56	89.18	95.03	94.93
N = 8	4.00	14.71	30.16	47.04	60.76	71.69	81.28	88.62	94.26	98.47
N = 9	4.45	15.42	30.42	46.00	50.17	68.75	79.18	85.68	93.98	97.94
N = 10	4.87	16.20	30.51	45.29	57.53	66.96	76.68	84.09	91.63	97.57
N = 11	5.23	14.52	30.46	44.76	56.48	65.30	74.37	79.49	89.55	92.58
N = 12	5.48	17.03	30.58	44.14	55.24	63.70	72.57	81.28	89.17	94.93

Table 7d. Percentage of Subsequent Values of $Q \geq 4$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.01	0.20	1.79	16.61	69.34	94.06	99.44	99.26	99.91	98.99
N = 2	0.06	0.90	4.98	22.44	56.97	83.93	96.15	99.30	99.67	98.99
N = 3	0.20	1.90	7.75	24.47	52.03	74.60	90.26	96.82	99.25	98.99
N = 4	0.43	2.90	9.69	25.44	47.47	67.29	83.85	91.62	97.37	98.99
N = 5	0.69	3.79	11.30	25.76	44.51	61.30	78.07	88.41	93.32	88.75
N = 6	0.96	4.61	12.36	25.86	42.49	57.79	73.53	84.00	88.72	95.43
N = 7	1.27	5.37	13.13	25.68	40.87	54.81	68.97	78.15	87.14	89.35
N = 8	1.45	5.97	13.85	25.57	39.60	52.02	65.31	76.61	83.55	92.38
N = 9	1.64	6.43	14.36	25.49	38.51	50.04	62.32	73.30	82.51	90.83
N = 10	1.84	7.03	14.58	25.62	37.85	48.09	59.61	70.45	82.29	88.94
N = 11	1.98	7.18	14.94	25.62	37.45	46.47	57.14	64.82	77.71	84.77
N = 12	2.13	7.48	15.24	25.50	36.51	45.28	55.16	66.03	75.93	88.84

Table 7e. Percentage of Subsequent Values of $Q \geq 5$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.00	0.02	0.23	2.43	17.78	69.06	94.89	98.64	99.91	98.99
N = 2	0.00	0.18	1.14	6.24	22.96	55.15	83.74	95.65	98.92	98.48
N = 3	0.04	0.50	2.39	8.95	25.12	48.54	73.15	89.12	96.34	97.96
N = 4	0.10	0.93	3.48	10.62	24.40	43.92	65.64	80.80	90.70	94.03
N = 5	0.21	1.41	4.41	11.65	24.08	39.57	59.88	75.92	84.49	81.14
N = 6	0.34	1.78	5.11	12.35	23.91	37.59	55.36	70.59	79.79	87.82
N = 7	0.45	2.12	5.76	12.68	23.46	36.06	51.52	63.85	76.80	82.29
N = 8	0.55	2.43	6.25	12.90	23.18	34.70	47.95	62.30	72.55	84.77
N = 9	0.62	2.70	6.59	13.21	22.80	33.53	45.39	58.79	71.42	80.68
N = 10	0.72	3.13	6.84	13.49	22.62	32.30	43.08	55.89	69.17	78.28
N = 11	0.79	3.16	7.05	13.73	22.78	31.39	40.81	49.51	66.43	74.69
N = 12	0.87	3.35	7.33	13.88	22.35	30.26	38.99	50.81	63.43	75.13

Table 7f. Percentage of Subsequent Values of $Q \geq 6$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.00	0.00	0.03	0.34	2.39	17.13	69.04	94.22	99.06	98.48
N = 2	0.00	0.02	0.25	1.48	6.01	21.43	54.19	82.81	94.97	95.94
N = 3	0.01	0.13	0.66	2.65	9.39	21.84	46.48	71.15	86.10	90.35
N = 4	0.02	0.26	1.10	3.63	9.57	21.50	41.03	62.28	77.54	82.75
N = 5	0.05	0.42	1.63	4.24	10.18	20.37	36.88	57.14	70.39	72.51
N = 6	0.09	0.58	1.95	4.77	10.91	19.81	34.15	51.93	65.60	79.19
N = 7	0.13	0.74	2.22	5.19	11.10	19.39	31.72	45.79	62.33	70.56
N = 8	0.17	0.86	2.45	5.46	11.38	18.76	29.33	44.99	58.17	70.05
N = 9	0.20	0.95	2.62	5.74	11.48	18.34	28.27	41.30	55.72	64.44
N = 10	0.25	1.24	2.73	6.02	11.52	18.07	26.45	39.18	53.06	67.54
N = 11	0.28	1.15	2.91	6.23	11.73	17.57	25.41	33.14	50.92	59.39
N = 12	0.31	1.27	3.03	6.44	11.41	17.13	24.54	34.42	47.45	58.38

Table 7g. Percentage of Subsequent Values of $Q \geq 7$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.00	0.00	0.00	0.03	0.29	1.72	13.41	65.22	94.55	97.46
N = 2	0.00	0.00	0.03	0.20	1.18	4.37	17.13	47.78	76.45	89.85
N = 3	0.00	0.02	0.12	0.52	2.06	6.05	16.55	38.80	62.13	78.17
N = 4	0.00	0.05	0.25	0.84	2.78	6.61	15.59	32.20	53.76	67.01
N = 5	0.00	0.09	0.36	1.20	3.09	6.29	14.60	29.17	48.21	53.81
N = 6	0.01	0.13	0.49	1.39	3.46	7.04	13.63	26.57	43.51	58.38
N = 7	0.02	0.18	0.57	1.50	3.79	7.03	12.58	23.07	39.96	44.67
N = 8	0.03	0.22	0.58	1.71	3.92	6.82	11.95	23.66	37.79	43.15
N = 9	0.04	0.24	0.64	1.76	4.14	6.97	11.40	21.95	36.08	39.06
N = 10	0.06	0.25	0.67	1.91	4.16	7.12	10.92	20.40	33.64	38.17
N = 11	0.07	0.28	0.78	1.94	4.25	7.03	10.96	16.98	31.28	36.04
N = 12	0.07	0.31	0.85	1.99	4.23	7.03	10.84	17.61	27.06	39.09

Table 7h. Percentage of Subsequent Values of $Q \geq 8$ for Each Current Value of Q and for all Subsequent Times up to 3 hr: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	0.00	0.00	0.00	0.01	0.02	0.18	0.79	8.59	55.17	91.37
N = 2	0.00	0.00	0.00	0.03	0.11	0.65	2.15	9.68	35.38	67.51
N = 3	0.00	0.00	0.01	0.06	0.29	0.96	2.72	8.84	27.73	49.24
N = 4	0.00	0.01	0.02	0.12	0.40	1.15	2.87	7.90	22.09	37.06
N = 5	0.00	0.02	0.06	0.17	0.44	1.32	2.89	7.41	19.92	28.43
N = 6	0.00	0.03	0.05	0.21	0.56	1.37	2.75	7.04	18.04	29.45
N = 7	0.00	0.03	0.07	0.23	0.65	1.26	2.82	6.88	16.03	19.80
N = 8	0.00	0.03	0.09	0.20	0.75	1.27	2.73	6.76	16.36	20.81
N = 9	0.00	0.03	0.09	0.24	0.74	1.37	2.72	6.40	14.48	21.36
N = 10	0.01	0.02	0.07	0.25	0.78	1.50	2.72	5.75	14.47	18.37
N = 11	0.01	0.03	0.10	0.29	0.83	1.59	2.61	5.43	12.95	19.29
N = 12	0.01	0.03	0.11	0.31	0.90	1.57	2.57	5.16	11.18	20.31

Table 8. Percentage of Subsequent Values of Q Equal to the Current Value of Q ± 1: 1967 Through 1977 Collectively

Subsequent Time Interval (in 15 min. steps)	Current Value of Q									
	0	1	2	3	4	5	6	7	8	9
N = 1	98.81	97.99	95.71	93.70	93.80	93.18	94.13	95.95	94.55	91.37
N = 2	97.02	94.89	88.21	82.90	81.88	79.55	81.85	81.80	76.50	67.51
N = 3	95.42	92.29	82.13	74.44	71.91	68.55	70.43	70.06	62.13	49.24
N = 4	94.05	90.31	77.69	68.65	64.42	60.68	62.77	61.90	53.76	37.06
N = 5	92.79	88.69	74.19	64.27	59.50	55.01	56.99	55.74	48.21	28.43
N = 6	91.67	89.32	71.47	60.97	55.28	50.75	52.31	50.62	43.51	29.45
N = 7	90.73	86.17	69.30	58.55	52.20	47.78	48.42	44.64	39.66	19.80
N = 8	89.89	85.27	67.62	56.59	49.38	45.13	45.22	43.77	37.79	20.81
N = 9	89.08	84.57	66.20	54.75	47.69	43.07	42.67	40.26	36.10	21.32
N = 10	88.41	83.99	65.04	53.26	46.01	40.97	40.36	38.24	33.64	18.27
N = 11	87.76	83.36	63.86	51.83	44.75	39.44	38.20	32.20	31.28	19.29
N = 12	87.28	82.95	62.80	50.99	43.83	38.25	36.42	33.58	27.06	20.31
A Priori %	63.48	77.17	44.86	28.98	18.96	11.63	7.19	3.80	1.46	0.33

Table 9a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	141742	127892	118088	108879	100636	94178	88483	83392	78883	74772	70998
1	18379	12866	9874	8054	6821	5908	5222	4641	4135	3737	3446
2	1677	1073	788	634	538	472	417	388	332	296	279
3	206	135	111	92	85	73	69	65	57	53	52
4	19	19	11	9	7	6	5	5	5	5	5
5	1	1	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 9a

Table 9b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	18887	10643	6168	3794	2409	1568	1074	722	483	324	249
1	49628	30913	19904	13134	8795	6005	4109	2856	2026	1466	1054
2	12999	7247	4377	2898	1794	1114	734	490	322	218	194
3	1494	742	426	252	159	96	60	35	24	17	12
4	191	93	41	24	19	10	7	5	1	1	1
5	28	18	5	2	2	2	1	1	0	0	0
6	2	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 9b

Table 9c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	1317	641	297	138	84	42	22	13	6	3	2
1	13286	7246	3800	2196	1249	760	473	323	197	139	100
2	28852	16237	9533	5728	3510	2193	1395	877	588	371	242
3	8396	4310	2388	1354	808	483	280	167	99	51	25
4	821	381	187	102	66	27	19	12	6	4	2
5	104	44	24	12	9	5	4	3	1	0	0
6	19	11	6	2	2	0	0	0	0	0	0
7	2	0	0	0	0	0	0	0	0	0	0
8	1	1	1	0	0	0	0	0	0	0	0
9	1	1	1	1	0	0	0	0	0	0	0

TABLE 9c

Table 9d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	72	32	19	9	7	4	2	2	1	1	1
1	1378	769	385	194	110	62	39	28	16	12	6
2	8906	5127	2843	1576	929	569	340	218	147	88	62
3	20901	11742	6796	4051	2456	1502	946	595	375	242	157
4	5316	2888	1486	842	483	282	155	91	47	29	13
5	782	367	190	116	63	40	20	12	9	4	4
6	115	51	20	8	3	1	0	0	0	0	0
7	8	3	2	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	2	2	1	0	0	0	0	0	0	0	0

TABLE 9d

Table 9e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	5	2	0	0	0	0	0	0	0	0	0
1	61	28	15	5	1	1	1	0	0	0	0
2	752	389	188	74	35	16	7	5	3	1	1
3	5771	3203	1655	865	477	273	151	83	47	27	17
4	11081	5712	3039	1699	929	519	295	166	90	48	24
5	3307	1554	746	384	193	99	52	30	24	12	6
6	491	199	85	43	21	14	9	6	4	2	0
7	57	26	10	5	3	0	0	0	0	0	0
8	9	2	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 9e

Table 9f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	2	1	1	0	0	0	0	0	0	0	0
1	3	1	1	1	1	1	1	0	0	0	0
2	49	24	13	8	1	1	0	0	0	0	0
3	667	375	180	98	39	21	7	6	1	1	1
4	3697	2119	1091	549	273	137	67	32	14	7	3
5	7349	3743	1949	1005	532	273	147	78	41	23	13
6	2100	989	502	272	144	74	38	19	9	5	2
7	218	95	43	27	14	4	1	0	0	0	0
8	23	9	3	1	1	1	0	0	0	0	0
9	3	1	0	0	0	0	0	0	0	0	0

TABLE #9f

Table 9g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	3	2	1	1	1	1	1	1	1	1	1
3	46	24	11	4	2	1	1	0	0	0	0
4	419	249	119	60	31	16	12	9	2	1	1
5	2385	1448	768	419	246	147	91	52	33	22	12
6	5132	2809	1596	927	591	336	204	130	83	52	34
7	1167	573	296	173	92	58	26	14	11	7	4
8	71	30	18	12	2	2	1	0	0	0	0
9	2	1	0	0	0	0	0	0	0	0	0

TABLE 9g

Table 9h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	2	1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0
4	27	20	10	5	2	1	1	1	0	0	0
5	193	121	46	16	6	2	1	1	1	0	0
6	1278	807	429	230	142	90	51	32	26	13	9
7	2478	1352	767	451	271	165	105	65	35	22	13
8	398	169	93	55	30	13	7	4	3	0	0
9	25	12	6	2	0	0	0	0	0	0	0

TABLE 9h

Table 9i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	9	3	0	0	0	0	0	0	0	0	0
6	68	29	8	1	0	0	0	0	0	0	0
7	419	224	92	42	24	14	8	1	1	1	1
8	916	229	114	62	33	19	9	5	2	1	0
9	71	35	15	9	5	3	2	2	0	0	0

Table 9j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1967 Through 1977 Collectively

	1	2	3	4	5	6	7	8	9	10	11
0	1	1	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	2	2	1	0	0	0	0	0	0	0	0
7	12	5	3	1	0	0	0	0	0	0	0
8	87	43	19	9	5	3	1	0	0	0	0
9	93	42	19	9	4	1	0	0	0	0	0

Table 10a. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 0 (for all N)

Total 0's = 162,028
A Priori % of Grand Total (1967-1977) = 42.03%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	87.480	90.059	91.552	92.480	93.113	93.581	93.934	94.268	94.569	94.812	94.942
1	11.343	9.077	7.735	6.892	6.311	5.871	5.545	5.246	4.959	4.739	4.609
2	1.035	0.757	0.617	0.542	0.490	0.469	0.443	0.407	0.398	0.375	0.373
3	0.127	0.095	0.087	0.078	0.079	0.073	0.073	0.073	0.068	0.067	0.076
4	0.012	0.011	0.009	0.008	0.006	0.006	0.005	0.005	0.005	0.005	0.006
5	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10b. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 1 (for all N)

Total 1's = 82,737
A Priori % of Grand Total (1967-1977) = 21.46%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	22.828	21.446	19.992	19.061	18.342	17.828	17.885	17.571	16.912	15.992	16.712
1	59.983	62.293	64.387	65.987	66.964	68.277	68.426	69.506	70.938	72.359	71.896
2	15.175	14.603	14.159	13.555	13.354	12.666	12.556	11.925	11.275	10.513	10.505
3	1.806	1.495	1.378	1.266	1.211	1.092	0.999	0.852	0.840	0.839	0.819
4	0.183	0.147	0.133	0.121	0.114	0.114	0.117	0.122	0.035	0.049	0.068
5	0.024	0.020	0.016	0.010	0.015	0.023	0.017	0.024	0.000	0.000	0.000
6	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10c. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 2 (for all N)

Total 2's = 52,795
A Priori % of Grand Total (1967-1977) = 13.69%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	2.495	2.223	1.829	1.448	1.466	1.197	1.003	0.932	0.684	0.528	0.539
1	25.165	25.114	23.403	23.036	21.805	21.652	21.579	23.154	22.463	24.472	26.954
2	54.649	56.277	59.327	60.086	61.278	62.479	63.111	62.867	64.766	65.317	65.229
3	15.903	14.938	14.707	14.203	14.106	13.761	12.768	11.971	11.174	8.979	6.739
4	1.555	1.251	1.152	1.070	1.187	0.769	0.866	0.932	0.912	0.704	0.539
5	0.197	0.153	0.148	0.126	0.157	0.142	0.182	0.215	0.114	0.000	0.000
6	0.028	0.038	0.037	0.021	0.035	0.000	0.000	0.000	0.000	0.000	0.000
7	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.002	0.003	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.002	0.003	0.006	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10d. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 3 (for all N)

Total 3's = 37,482
A Priori % of Grand Total (1967-1977) = 9.72%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.192	0.153	0.162	0.132	0.173	0.163	0.133	0.211	0.168	0.267	0.413
1	3.676	3.679	3.279	2.855	2.715	2.524	2.597	2.960	2.689	0.320	2.066
2	23.761	24.530	24.212	23.190	22.933	23.819	22.636	23.044	24.706	23.467	25.620
3	55.763	56.179	57.878	59.609	60.627	61.156	62.983	63.002	63.025	64.523	64.876
4	14.183	9.569	12.655	12.390	9.948	8.225	10.320	9.619	7.900	5.333	5.372
5	2.086	1.756	1.618	1.707	1.555	1.629	1.332	1.268	0.151	1.067	1.653
6	0.309	0.244	0.170	0.118	0.074	0.041	0.000	0.000	0.000	0.000	0.000
7	0.021	0.144	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.005	0.010	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10e. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 4 (for all N)

Total 4's = 21,490
A Priori % of Grand Total (1967-1977) = 5.57%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.023	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.284	0.253	0.263	0.165	0.060	0.108	0.193	0.000	0.000	0.000	0.000
2	3.499	3.474	2.906	2.438	2.110	1.722	1.349	1.003	1.786	1.111	2.083
3	26.854	28.905	28.974	28.501	28.752	30.032	29.094	27.759	27.976	30.000	35.417
4	51.564	51.548	53.134	54.662	55.998	55.867	57.611	56.187	53.571	53.333	50.000
5	15.389	14.024	13.160	12.652	11.634	10.657	10.019	13.043	14.286	13.333	12.500
6	2.099	1.525	1.488	1.417	1.266	1.722	1.734	2.007	2.381	2.222	0.000
7	0.265	0.235	0.175	0.165	0.181	0.000	0.000	0.000	0.000	0.000	0.000
8	0.023	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10f. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively.

Constant Q = 5 (for all N)

Total 5's = 14,151
A Priori % of Grand Total (1967-1977) = 3.67%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.014	0.014	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.021	0.014	0.027	0.051	0.100	0.188	0.366	0.000	0.000	0.000	0.000
2	0.346	0.327	0.347	0.410	0.100	0.188	0.000	0.000	0.000	0.000	0.000
3	4.713	5.103	4.809	4.618	3.881	3.947	2.564	4.032	5.128	2.439	4.348
4	25.843	28.779	28.079	27.963	27.164	29.511	31.868	34.014	30.769	34.146	30.435
5	51.933	50.932	52.091	51.565	52.935	51.316	53.846	53.061	52.564	56.098	56.522
6	15.405	13.403	13.412	13.956	14.328	13.910	10.989	8.844	11.538	7.317	8.696
7	1.541	1.293	1.149	1.385	1.393	0.752	0.366	0.000	0.000	0.000	0.000
8	0.163	0.122	0.080	0.051	0.100	0.188	0.000	0.000	0.000	0.000	0.000
9	0.021	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10g. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 6 (for all N)

Total 6's = 9,225
A Priori % of Grand Total (1967-1977) = 2.39%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.033	0.039	0.036	0.063	0.108	0.181	0.298	0.490	0.769	1.205	1.923
3	0.499	0.468	0.392	0.251	0.216	0.181	0.298	0.000	0.000	0.000	0.000
4	4.444	4.852	4.100	3.759	3.344	3.267	3.571	3.431	1.538	1.205	1.923
5	25.854	28.215	27.380	26.253	26.753	25.953	27.083	25.490	25.385	26.506	23.077
6	55.631	54.657	56.898	58.083	59.439	60.980	60.714	63.725	63.846	62.651	65.385
7	12.650	11.170	10.553	10.840	9.924	9.074	7.738	6.863	8.462	8.434	7.692
8	0.770	0.585	0.642	0.752	0.216	0.363	0.298	0.000	0.000	0.000	0.000
9	0.022	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10h. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 7 (for all N)

Total 7's = 4,362
A Priori % of Grand Total (1967-1977) = 1.13%

Current Value of Q	N 1	2	3	4	5	6	7	8	9	10	11
0	0.046	0.040	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.619	0.807	0.740	0.652	0.443	0.369	0.606	0.952	0.000	0.000	0.000
5	4.425	4.883	3.402	2.086	1.330	0.738	0.606	0.952	1.538	0.000	0.000
6	29.300	32.567	31.070	31.030	31.486	33.210	30.909	28.571	30.769	37.193	40.909
7	56.809	54.560	56.731	58.801	60.089	60.886	63.636	61.905	63.846	62.857	59.091
8	8.207	6.659	6.879	7.171	6.652	4.797	4.242	5.714	4.615	0.000	0.000
9	0.573	0.484	0.444	0.261	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Table 10i. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 8 (for all N)

Total 8's = 1,064

A Priori % of Grand Total (1967-1977) = 0.28%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	0.846	0.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	4.511	4.845	3.493	0.877	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	39.380	43.411	40.175	36.842	38.710	42.424	50.000	16.667	33.333	50.000	100.000
8	48.500	44.380	49.782	54.386	53.226	48.485	37.500	50.000	66.670	50.000	0.000
9	6.673	6.783	6.550	7.895	8.065	9.091	12.500	33.333	0.000	0.000	0.000

Table 10j. Current Distributions of Q (in %) Subsequent to the Occurrence of N × 15 min Intervals During Which Q was Constant: 1967 Through 1977 Collectively

Constant Q = 9 (for all N)

Total 9's = 197

A Prior % of Grand Total (1967-1977) = 0.05%

Current Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	0.508	1.075	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
1	0.508	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
5	0.508	0.000	0.000	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
6	1.015	2.151	2.381	0.000	0.000	0.000	0.000	N/A	N/A	N/A	N/A
7	6.091	5.376	7.143	5.263	0.000	0.000	0.000	N/A	N/A	N/A	N/A
8	44.162	46.237	45.233	47.368	55.555	75.000	100.000	N/A	N/A	N/A	N/A
9	47.208	45.161	45.238	47.368	44.444	25.000	0.000	N/A	N/A	N/A	N/A

Table 11. Percentage of Sequences of Constant Q Followed by the Same Value of Q ± 1: 1967 Through 1977 Collectively

Constant Value of Q	N = 1	2	3	4	5	6	7	8	9	10	11
0	99.823	99.136	99.287	99.372	99.424	99.452	99.805	99.514	99.528	99.551	99.557
1	97.986	98.342	98.538	98.603	98.660	98.771	98.867	99.002	99.125	98.864	99.203
2	95.717	96.329	97.437	97.325	97.189	97.892	97.558	97.992	98.403	98.768	98.992
3	93.707	90.278	94.746	95.189	93.508	93.200	95.939	95.665	95.631	93.333	95.868
4	93.807	94.477	95.268	95.815	96.384	96.556	96.724	96.989	95.833	96.666	97.917
5	93.181	93.114	93.562	93.484	94.427	94.737	96.703	95.919	94.871	97.561	95.653
6	94.135	94.042	94.831	95.176	96.116	96.007	95.535	96.078	97.693	97.591	96.154
7	94.316	93.786	94.680	97.002	98.227	98.893	98.787	96.190	99.220	100.000	100.000
8	94.553	94.574	96.507	99.123	100.000	100.000	100.000	100.000	100.000	100.000	100.000
9	91.510	91.398	90.476	94.736	100.000	100.000	100.000	N/A	N/A	N/A	N/A

Table 12a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1964

	1	2	3	4	5	6	7	8	9	10	11
0	17195	15747	14621	13666	12832	12097	11424	10824	10273	9770	9294
1	1493	1331	1175	976	761	677	617	544	495	462	439
2	143	108	82	71	66	56	53	50	44	42	38
3	13	5	4	4	4	4	4	4	4	3	3
4	4	4	4	4	3	2	2	2	2	2	2
5	0	0	-	0	0	0	0	0	0	0	0
6	0	0	-	0	0	0	0	0	0	0	0
7	0	0	-	0	0	0	0	0	0	0	0
8	0	0	-	0	0	0	0	0	0	0	0
9	0	0	-	0	0	0	0	0	0	0	0

TABLE 12a

Table 12b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1964

	1	2	3	4	5	6	7	8	9	10	11
0	1880	1033	571	319	196	123	88	68	42	32	28
1	4295	2623	1665	1090	722	490	345	245	192	155	107
2	1034	581	352	235	157	93	62	48	21	15	8
3	112	46	27	19	14	7	4	2	2	0	0
4	10	6	6	2	1	0	0	0	0	0	0
5	1	1	1	0	0	0	0	0	0	0	0
6	0	0	-	0	0	0	0	0	0	0	0
7	0	0	-	0	0	0	0	0	0	0	0
8	0	0	-	0	0	0	0	0	0	0	0
9	0	0	-	40	0	0	0	0	0	0	0

TABLE 12b

Table 12c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1964

	1	2	3	4	5	6	7	8	9	10	11
0	82	36	18	11	4	4	3	0	0	0	0
1	1094	607	324	179	136	65	39	21	10	4	1
2	2203	1231	59	406	243	136	73	41	26	17	12
3	566	309	187	100	50	35	18	8	5	5	4
4	42	20	5	1	1	1	1	1	0	0	0
5	5	4	4	2	2	2	2	2	0	0	0
6	1	0	-	0	0	0	0	0	0	0	0
7	0	0	-	0	0	0	0	0	0	0	0
8	0	0	-	0	0	0	0	0	0	0	0
9	0	0	-	0	0	0	0	0	0	0	0

TABLE 12c

Table 12d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1964

	1	2	3	4	5	6	7	8	9	10	11
0	6	0	-	0	0	0	0	0	0	0	0
1	104	53	31	15	9	3	1	1	0	0	0
2	595	349	191	102	62	28	19	12	5	4	2
3	1367	742	408	227	118	67	34	17	9	3	1
4	341	171	97	57	33	18	11	4	2	2	0
5	44	22	13	7	5	2	0	0	0	0	0
6	4	2	2	0	0	0	0	0	0	0	0
7	0	0	-	0	0	0	0	0	0	0	0
8	0	0	-	0	0	0	0	0	0	0	0
9	0	0	-	0	0	0	0	0	0	0	0

TABLE 12d

Table 12e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1964

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	-	0	0	0	0	0	0	0	0
1	3	1	1	0	0	0	0	0	0	0	0
2	84	17	5	2	2	0	0	0	0	0	0
3	354	195	111	61	29	21	10	3	1	0	0
4	615	307	153	75	38	14	4	1	0	0	0
5	194	87	34	13	6	3	0	0	0	0	0
6	22	8	5	2	0	0	0	0	0	0	0
7	0	0	-	0	0	0	0	0	0	0	0
8	0	0	-	0	0	0	0	0	0	0	0
9	0	0	-	0	0	0	0	0	0	0	0

TABLE 12e

Table 12f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1964

	1	2		4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	0	0		0	0	0	0	0	0	0	0
2	2	2		0	0	0	0	0	0	0	0
3	47	21		1	0	0	0	0	0	0	0
4	193	106	56	29	13	8	3	3	1	0	0
5	353	172	84	40	23	13	8	3	0	0	0
6	111	47	20	13	4	2	2	2	2	0	0
7	8	5	2	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 12f

Table 12g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1964

	1	2		4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	0	0		0	0	0	0	0	0	0	0
2	0	0		0	0	0	0	0	0	0	0
3	2	1	1	0	0	0	0	0	0	0	0
4	21	15	12	6	4	2	1	0	0	0	0
5	114	69	31	16	6	3	1	1	1	1	1
6	217	113	51	23	14	8	5	4	3	2	1
7	52	20	12	8	5	1	1	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 12g

Table 12h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1964

	1	2		4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	0	0		0	0	0	0	0	0	0	0
2	0	0		0	0	0	0	0	0	0	0
3	0	0		0	0	0	0	0	0	0	0
4	1	0		0	0	0	0	0	0	0	0
5	9	9	5	5	2	2	2	2	1	1	1
6	50	29	13	7	0	0	0	0	0	0	0
7	93	51	23	20	16	12	9	6	4	3	2
8	15	9	5	3	2	2	1	1	1	0	0
9	1	1		0	0	0	0	0	0	0	0

TABLE 12h

Table 12i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1964

	1	2		4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	0	0		0	0	0	0	0	0	0	0
2	0	1		0	0	0	0	0	0	0	0
3	0	0		0	0	0	0	0	0	0	0
4	0	0		0	0	0	0	0	0	0	0
5	0	0		0	0	0	0	0	0	0	0
6	3	2	1	0	0	0	0	0	0	0	0
7	15	6		0	0	0	0	0	0	0	0
8	9	1		0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 12i

Table 12j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1964

	1	2		4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	0	0		0	0	0	0	0	0	0	0
2	0	0		0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0		0	0	0	0	0	0	0	0
5	0	0		0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0		0	0	0	0	0	0	0	0
8	1	0		0	0	0	0	0	0	0	0
9	0	0		0	0	0	0	0	0	0	0

TABLE 12j

Table 13a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	19833	18340	17134	16118	15218	14425	13713	13063	12468	11905	11388
1	1869	1354	1101	931	821	721	645	588	547	501	467
2	154	111	91	74	64	62	58	54	49	47	44
3	21	17	14	12	10	9	8	7	7	7	6
4	3	3	3	3	3	1	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13a

Table 13b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	1943	976	537	303	191	121	86	67	53	34	24
1	3747	2257	1419	919	616	419	283	192	138	100	73
2	808	474	297	186	107	73	49	34	24	14	9
3	77	36	17	9	4	2	1	0	0	0	0
4	5	4	2	1	1	1	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 13c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	91	33	11	4	2	0	0	0	0	0	0
1	693	486	351	133	80	43	22	17	14	9	6
2	1653	893	503	303	182	116	78	51	30	21	15
3	405	212	118	55	33	18	14	8	6	0	0
4	41	26	14	6	4	3	2	2	1	0	0
5	2	2	1	1	1	1	0	0	0	0	0
6	1	1	1	1	1	1	0	0	0	0	0
7	0	0		0	0	0	0	0	0	0	0
8	0	0		0	0	0	0	0	0	0	0
9	0	0		0	0	0	0	0	0	0	0

Table 13d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	6	2	2	1	0	0	0	0	0	0	0
1	77	43	11	3	5	3	1	1	0	0	0
2	446	268	152	86	56	36	25	18	11	6	3
3	975	564	347	213	133	83	52	30	18	11	8
4	210	96	42	28	17	11	4	2	1	1	1
5	37	11	5	3	2	1	1	1	0	0	0
6	3	1		0	0	0	0	0	0	0	0
7	0	0		0	0	0	0	0	0	0	0
8	0	0		0	0	0	0	0	0	0	0
9	0	0		0	0	0	0	0	0	0	0

Table 13e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0		0	0	0	0	0	0	0	0
1	2	2	1	1	0	0	0	0	0	0	0
2	27	18	6	3	2	0	0	0	0	0	0
3	237	134	53	27	10	6	5	3	2	2	2
4	417	201	0	56	30	19	12	8	6	4	2
5	131	59	34	16	7	5	2	1	0	0	0
6	10	4	2	2	1	0	0	0	0	0	0
7	0	0		0	0	0	0	0	0	0	0
8	0	0		0	0	0	0	0	0	0	0
9	0	0		0	0	0	0	0	0	0	0

TABLE 13e

Table 13f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	4	1	0	0	0	0	0	0	0	0	0
3	24	12	7	5	1	0	0	0	0	0	0
4	135	82	35	25	11	8	5	4	3	2	1
5	274	147	88	49	31	21	14	9	5	2	0
6	72	30	16	9	6	2	1	1	1	1	1
7	3	2	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13f

Table 13g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	1	0	0	0	0	0	0	0	0	0
4	12	8	6	3	0	0	0	0	0	0	0
5	70	42	25	11	6	3	2	2	0	0	0
6	136	69	32	16	8	4	2	0	0	0	0
7	27	16	5	2	2	1	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13g

Table 13h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	2	1	1	1	0	0	0	0	0	0	0
5	3	0	0	0	0	0	0	0	0	0	0
6	26	16	12	7	4	3	2	1	1	1	1
7	84	59	38	25	18	12	8	5	3	1	1
8	11	8	5	5	3	3	2	2	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13h

Table 13i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	0	0	0	0	0	0	0
7	12	6	4	1	1	0	0	0	0	0	0
8	11	5	3	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13i

Table 13j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1965

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 13j

Table 14a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	16811	15347	14216	13297	12518	11828	11208	10648	10148	9677	9258
1	1836	1359	1055	852	724	642	576	521	471	430	396
2	142	96	68	68	49	44	39	34	32	28	27
3	15	8	7	7	5	5	5	5	5	5	3
4	2	2	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14a

Table 14b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	1888	1021	575	331	208	141	89	54	30	12	7
1	4143	2500	1546	982	645	420	270	176	117	82	59
2	984	565	337	210	118	76	57	39	28	22	16
3	98	53	31	21	10	7	3	1	1	1	1
4	8	4	3	2	1	1	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14b

Table 14c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	103	55	27	18	10	6	2	1	1	1	0
1	1055	568	307	158	111	69	43	27	15	8	6
2	2163	1210	701	410	236	136	77	45	22	12	6
3	671	307	167	94	46	22	11	3	3	1	0
4	59	28	12	9	7	4	3	1	1	0	0
5	7	4	2	2	0	0	0	0	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14c

Table 14d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	4	1	1	0	0	0	0	0	0	0	0
1	87	33	21	12	6	4	2	1	0	0	0
2	629	348	196	118	72	38	25	12	7	6	5
3	1382	806	487	291	176	109	66	43	33	24	16
4	316	173	95	54	34	23	15	10	7	5	3
5	45	19	11	8	3	2	1	0	0	0	0
6	5	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14d

Table 14e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	4	2	2	2	0	0	0	0	0	0	0
2	35	21	12	8	2	1	1	1	1	1	1
3	354	189	112	57	28	15	8	5	1	0	0
4	642	329	187	92	50	25	14	7	5	4	3
5	190	92	55	22	11	6	2	1	0	0	0
6	21	9	4	2	1	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14e

Table 14f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	2	1	0	0	0	0	0	0	0	0	0
3	40	23	11	4	0	0	0	0	0	0	0
4	207	108	53	27	15	7	3	1	1	1	1
5	388	184	91	45	23	15	10	6	4	3	2
6	112	58	26	10	6	4	2	2	1	0	0
7	9	6	4	2	1	1	1	1	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14f

Table 14g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	3	2	1	1	1	0	0	0	0	0	0
4	13	13	6	2	2	2	2	0	0	0	0
5	121	74	36	22	11	6	3	3	3	3	2
6	257	140	83	53	35	23	17	13	9	6	4
7	60	27	14	5	4	4	1	1	1	0	0
8	1	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

TABLE 14g

Table 14h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	9	5	2	2	1	0	0	0	0	0	0
6	61	41	22	9	5	3	3	1	1	1	0
7	110	56	29	17	10	6	3	2	1	0	0
8	11	7	3	1	1	1	0	0	0	0	0
9	3	1	0	0	0	0	0	0	0	0	0

TABLE 14h

Table 14i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	0	0	0	0	0	0	0
7	17	4	1	0	0	0	0	0	0	0	0
8	6	1	0	0	0	0	0	0	0	0	0
9	5	1	0	0	0	0	0	0	0	0	0

TABLE 14i

Table 14j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1966

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	6	6	3	3	3	3	2	1	0	0	0
9	24	18	15	12	9	6	3	1	0	0	0

TABLE 14j

Table 15a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	15951	14594	13621	12628	11863	11199	10605	10064	9583	9135	8719
1	1623	1219	964	807	684	604	537	488	430	402	372
2	163	118	91	72	52	55	47	47	42	37	35
3	26	19	18	14	13	11	10	10	9	9	9
4	1	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 15b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	1702	906	494	276	163	98	69	47	30	20	9
1	3590	2074	1219	737	447	272	158	91	51	26	14
2	996	563	341	192	118	73	43	23	10	5	3
3	185	44	22	14	9	4	2	1	0	0	0
4	11	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 15c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	107	51	27	9	6	2	1	0	0	0	0
1	1084	610	320	196	124	72	44	28	18	13	9
2	2748	1378	794	483	286	174	106	62	36	17	7
3	618	326	188	108	61	35	21	14	7	6	1
4	55	22	8	5	5	3	2	2	1	0	0
5	11	3	1	1	1	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 15d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	3	5	4	1	1	1	1	1	1	1	1
1	98	49	24	14	7	0	0	0	0	0	0
2	662	403	235	141	96	57	38	22	17	10	8
3	1611	934	558	344	213	134	86	56	34	27	18
4	765	431	256	153	94	59	38	25	15	9	6
5	68	33	11	5	3	2	2	1	0	0	0
6	4	4	2	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	0	0	0	0	0	0	0	0

Table 15e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	3	2	2	2	1	1	1	0	0	0	0
2	53	20	9	4	1	0	0	0	0	0	0
3	394	254	130	69	52	32	15	7	5	1	1
4	991	497	294	172	100	55	33	20	10	6	4
5	232	123	62	31	15	10	5	5	4	2	1
6	33	14	11	6	3	2	1	1	1	1	0
7	3	1	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 15f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	1	1	1	0	0	0	0	0	0	0
3	53	15	18	11	5	3	0	0	0	0	0
4	257	149	76	38	21	15	11	6	2	1	0
5	535	277	156	82	48	24	11	4	1	0	0
6	161	63	29	15	6	5	2	1	1	0	0
7	15	8	3	3	2	1	0	0	0	0	0
8	2	1	0	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	0	0	0	0	0

Table 15g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	2	2	2	0	0	0	0	0	0	0	0
4	32	17	7	3	1	1	0	0	0	0	0
5	178	116	65	40	25	13	9	6	5	5	2
6	433	252	151	90	53	32	20	14	9	4	2
7	89	46	27	18	11	7	3	2	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 15h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	2	1	1	0	0	0	0	0	0	0	0
5	10	5	1	1	1	0	0	0	0	0	0
6	95	56	36	19	11	7	2	1	0	0	0
7	143	126	67	32	16	6	3	1	0	0	0
8	32	14	11	6	4	3	1	1	1	0	0
9	4	1	0	0	0	0	0	0	0	0	0

Table 15i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	4	3	1	0	0	0	0	0	0	0	0
7	15	12	10	4	1	0	0	0	0	0	0
8	59	31	7	2	0	0	0	0	0	0	0
9	7	6	3	1	1	0	0	0	0	0	0

Table 15j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1967

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	0	0	0	0	0	0	0
8	11	5	3	3	3	2	1	0	0	0	0
9	29	14	13	6	3	1	0	0	0	0	0

Table 16a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	12215	10355	10000	9260	8622	8065	7540	7165	6783	6439	6130
1	1614	1141	460	659	563	500	427	342	342	308	276
2	167	102	80	67	57	46	39	34	31	27	24
3	25	16	12	12	12	9	8	6	6	6	6
4	2	2	2	2	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	1640	896	507	308	194	128	89	62	47	32	17
1	4161	2513	1576	1014	655	431	282	181	114	77	46
2	1206	669	397	233	152	93	56	37	23	14	12
3	123	64	36	20	12	7	2	2	1	1	0
4	14	6	4	1	1	0	0	0	0	0	0
5	1	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	157	76	36	22	13	7	3	1	1	0	0
1	1231	656	354	202	120	67	44	32	20	14	10
2	2825	1612	944	568	337	211	134	90	60	41	28
3	818	431	251	142	91	43	23	12	8	4	3
4	71	39	20	10	7	3	3	1	0	0	0
5	12	6	3	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	11	7	4	2	2	1	1	1	0	0	0
1	141	73	37	19	11	4	2	1	1	1	0
2	852	477	249	144	74	55	37	24	13	4	3
3	2000	1126	667	337	226	132	74	35	18	10	6
4	644	356	194	96	59	32	18	10	6	3	1
5	73	30	15	9	5	2	0	0	0	0	0
6	14	7	1	1	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	1	1	0	0	0	0	0	0	0	0	0
1	4	2	0	0	0	0	0	0	0	0	0
2	66	29	15	6	3	2	0	0	0	0	0
3	604	337	173	87	49	26	14	5	4	4	4
4	1124	568	294	146	76	41	23	14	8	4	0
5	345	171	81	42	16	6	4	2	2	0	0
6	75	14	5	3	2	1	0	0	0	0	0
7	5	3	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	1	0	0	0	0	0	0	0
3	56	15	15	7	3	2	0	0	0	0	0
4	390	244	123	62	36	20	9	6	4	0	0
5	854	442	234	124	62	28	15	6	0	0	0
6	746	120	66	39	23	12	4	2	2	0	0
7	16	7	2	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	4	2	0	0	0	0	0	0	0	0	0
4	38	23	15	10	7	4	4	2	1	1	1
5	267	147	84	49	29	20	13	6	4	2	2
6	563	322	193	117	75	47	27	18	12	8	5
7	196	52	23	16	6	4	3	1	1	1	0
8	4	1	1	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 16h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0	0	0
5	26	13	6	3	1	0	0	0	0	0	0
6	106	72	37	19	8	4	2	0	0	0	0
7	181	82	40	17	7	3	0	0	0	0	0
8	18	6	2	1	1	0	0	0	0	0	0
9	2	1	0	0	0	0	0	0	0	0	0

Table 16i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	24	24	10	4	3	2	1	0	0	0	0
8	54	30	17	11	6	3	1	0	0	0	0
9	5	4	3	2	2	1	1	1	0	0	0

Table 16j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1968

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	5	5	1	0	0	0	0	0	0	0	0
9	5	1	0	0	0	0	0	0	0	0	0

Table 17a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11
0	15762	14376	[illegible]	12322	11569	10679	10292	[illegible]	9193	[illegible]	[illegible]
1	1684	1231	975	826	769	620	555	498	442	389	358
2	189	136	103	87	73	65	61	55	51	44	44
3	20	17	11	10	10	7	7	7	7	6	6
4	2	2	1	1	1	1	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 17b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11
0	1751	956	533	315	193	117	75	40	21	12	8
1	3751	2177	1207	774	466	282	165	99	65	43	27
2	1048	571	318	192	109	61	38	25	12	9	6
3	109	48	28	15	9	5	4	1	1	1	1
4	10	5	1	1	1	1	0	0	0	0	0
5	2	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 17c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11
0	142	[illegible]	[illegible]	[illegible]	17	[illegible]	4	2	2	[illegible]	1
1	1126	598	321	190	103	59	35	25	14	9	8
2	2362	1354	811	492	235	179	110	65	37	22	11
3	632	306	177	109	63	44	26	16	12	4	2
4	57	21	11	6	5	4	3	0	0	0	0
5	7	3	3	2	1	0	0	0	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 17d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	1	0	0	0	0	0	0	0	0
1	132	63	[illegible]	16	[illegible]	[illegible]	1	0	0	0	0
2	683	412	245	120	78	47	27	16	13	9	6
3	1697	598	597	357	224	144	95	65	44	30	19
4	374	204	146	76	43	27	18	11	6	[illegible]	[illegible]
5	52	26	12	9	6	3	3	3	2	2	2
6	14	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 17e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	9	4	2	1	0	0	0	0	0	0	0
2	44	21	[illegible]	[illegible]	2	[illegible]	0	0	0	0	0
3	412	243	123	66	41	23	8	4	3	2	2
4	754	360	200	108	56	27	17	11	7	4	[illegible]
5	221	102	46	19	7	5	2	2	1	1	1
6	24	[illegible]	[illegible]	[illegible]	2	1	[illegible]	[illegible]	0	0	0
7	4	0	0	0	0	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 17f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	
2	1	2	2	2	0	0	0	0	0	0	0	
3	45	24	13	4	2	0	0	0	0	0	0	
4	254	148	77	46	20	13	6	4	1	1	0	
5	503	269	132	72	40	20	9	4	2	0	0	
6	135	65	31	16	8	6	3	1	1	1	0	
7	14	9	4	2	2	1	0	0	0	0	0	
8	2	1	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	

Table 17g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	
2	1	0	0	0	0	0	0	0	0	0	0	
3	2	0	0	0	0	0	0	0	0	0	0	
4	22	14	6	3	1	1	0	0	0	0	0	
5	148	94	58	35	23	15	10	4	3	2	1	
6	443	211	127	76	43	22	11	7	4	2	1	
7	90	38	21	14	8	6	1	0	0	0	0	
8	1	0	1	1	0	0	0	0	0	0	0	
9	1	0	0	0	0	0	0	0	0	0	0	

Table 17h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	
4	1	1	1	1	1	0	0	0	0	0	0	
5	12	7	4	1	0	0	0	0	0	0	0	
6	83	54	35	23	15	9	6	3	2	1	1	
7	194	115	77	45	28	19	17	8	6	5	4	
8	34	19	7	3	1	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	

Table 17i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	
5	1	0	0	0	0	0	0	0	0	0	0	
6	6	3	2	1	0	0	0	0	0	0	0	
7	22	11	6	5	3	3	2	0	0	0	0	
8	40	24	14	10	7	4	1	0	0	0	0	
9	7	4	1	1	1	1	1	1	0	0	0	

Table 17j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1969

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	

Table 18a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1624	1204	958	795	678	594	534	487	471	386	361
2	161	111	96	73	63	55	50	44	38	35	33
3	12	10	9	8	7	6	5	5	4	4	4
4	1	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	2452	2321	1447	916	677	534	360	276	210	170	154
2	965	642	393	193	121	71	48	36	31	18	9
3	90	54	30	15	12	7	4	2	0	0	0
4	12	8	6	2	1	1	0	0	0	0	0
5	2	2	2	1	1	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1070	582	317	177	99	63	36	24	15	11	7
2	2325	1310	756	441	269	164	107	67	44	29	21
3	677	345	196	110	67	39	22	12	8	5	2
4	48	23	10	9	5	1	1	1	0	0	0
5	5	1	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	93	57	33	20	13	8	6	4	3	2	1
2	658	417	247	141	91	59	38	25	17	10	6
3	1781	1051	652	428	276	188	133	94	62	39	27
4	483	293	190	98	49	26	16	9	6	4	2
5	43	26	17	8	5	4	2	1	1	0	0
6	4	2	1	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	6	3	2	0	0	0	0	0	0	0	0
2	54	34	16	6	3	2	0	1	1	0	0
3	407	257	150	87	48	29	20	10	6	4	3
4	1035	575	331	198	121	74	45	28	19	13	8
5	261	151	77	38	24	15	6	5	2	2	1
6	36	14	8	1	1	1	1	1	0	0	0
7	2	1	1	1	1	0	0	0	0	0	0
8	1	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	47	23	16	10	3	2	2	0	0	0	0
4	271	128	69	54	28	15	8	3	1	1	1
5	624	334	175	82	38	18	8	4	2	1	0
6	141	84	41	22	11	5	2	1	1	0	0
7	14	6	3	2	2	2	0	0	0	0	0
8	1	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	2	2	2	2	1	1	1	0	0	0	0
4	24	11	6	3	2	1	0	0	0	0	0
5	131	67	31	16	8	4	2	1	0	0	0
6	455	267	149	86	49	28	16	9	5	3	2
7	70	45	26	15	9	5	3	2	1	1	0
8	5	3	2	1	1	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 18h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	1	0	0	0	0	0	0	0
5	15	10	6	3	2	1	0	0	0	0	0
6	84	55	36	23	14	9	6	4	2	1	0
7	197	111	64	36	21	12	7	4	2	1	0
8	19	10	11	6	3	2	1	1	0	0	0
9	1	1	0	0	0	0	0	0	0	0	0

Table 18i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	16	10	10	4	4	2	2	0	0	0	0
8	40	25	17	8	4	2	0	0	0	0	0
9	0	0	0	1	0	0	0	0	0	0	0

Table 18j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1970

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	10	4	2	1	1	0	0	0	0	0	0
9	8	4	2	1	0	0	0	0	0	0	0

Table 19a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	13831	12566	11585	10771	10095	9507	9975	8496	8071	7683	7332
1	1591	1144	869	740	615	530	481	471	379	345	311
2	165	133	77	61	50	48	41	38	36	32	30
3	23	15	13	11	10	9	9	9	9	9	9
4	3	3	2	2	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	1642	954	574	368	243	162	116	95	69	47	39
1	4794	3102	2090	1469	1050	777	585	442	338	262	203
2	1185	656	405	247	164	102	69	51	39	29	20
3	115	57	29	18	12	9	7	3	2	0	0
4	7	3	0	0	0	0	0	0	0	0	0
5	3	2	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	130	58	29	14	7	5	3	2	2	1	1
1	1153	659	364	228	132	84	57	43	27	17	13
2	2851	1685	1064	683	456	321	205	137	93	68	54
3	717	397	211	128	78	51	33	22	15	7	3
4	77	36	19	12	9	4	2	1	0	0	0
5	5	5	4	1	1	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	1	1	1	1	0	0	0	0	0	0	0

Table 19d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	14	6	3	1	1	0	0	0	0	0	0
1	113	71	39	24	15	9	7	1	1	1	1
2	741	441	249	149	91	57	36	25	15	7	6
3	1902	1047	615	385	245	155	100	63	43	32	25
4	405	214	120	68	38	25	16	10	4	3	1
5	57	25	15	8	4	3	1	1	0	0	0
6	5	3	3	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	73	41	23	7	4	4	2	0	0	0	0
3	446	252	141	88	54	34	21	11	7	4	3	1
4	791	474	286	177	111	66	36	19	10	5	3	1
5	226	131	64	34	19	9	4	1	1	0	0	0
6	37	10	5	3	1	1	1	1	1	1	1	1
7	5	3	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0

Table 19f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	5	4	2	1	0	0	0	0	0	0	0
3	34	20	11	5	4	2	1	1	1	0	0
4	267	140	75	42	25	9	2	0	0	0	0
5	525	269	140	68	24	8	3	1	0	0	0
6	163	74	32	20	14	5	2	1	0	0	0
7	13	6	4	2	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	4	3	3	1	1	0	0	0	0	0	0
4	48	25	12	6	4	2	1	1	0	0	0
5	162	99	55	32	17	8	5	3	3	3	1
6	446	233	129	82	50	29	20	13	10	10	9
7	79	42	24	15	9	3	3	3	2	1	0
8	6	4	2	1	1	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0
5	15	10	4	2	2	1	1	1	1	0	0
6	83	59	38	23	19	11	7	5	5	2	2
7	237	153	101	71	46	33	24	17	11	8	6
8	22	14	9	5	4	1	1	1	0	0	0
9	2	1	1	0	0	0	0	0	0	0	0

Table 19i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	6	1	0	0	0	0	0	0	0	0	0
7	25	12	6	3	1	1	1	0	0	0	0
8	25	12	6	3	2	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 19j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1971

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	4	0	0	0	0	0	0	0	0	0	0

Table 20a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1741	1220	946	776	670	596	535	473	439	407	381
2	153	102	79	66	59	53	49	38	35	30	27
3	18	13	10	9	8	8	7	7	5	5	5
4	2	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	4752	3019	1970	1304	963	580	374	246	166	112	77
2	1618	621	[illegible]	249	166	107	70	41	27	20	15
3	110	64	44	29	14	8	6	5	2	2	2
4	10	11	8	4	3	1	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1084	595	414	175	99	65	41	25	22	18	13
2	2336	1349	[illegible]	517	345	231	155	104	69	49	35
3	572	295	156	87	59	40	30	21	11	7	5
4	64	33	24	13	5	3	2	2	2	2	1
5	8	5	3	2	2	1	1	1	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	4	2	1	1	1	1	0	0	0	0	0
1	102	60	39	23	13	7	4	3	2	1	0
2	614	345	[illegible]	109	60	35	18	12	7	5	4
3	1356	731	[illegible]	226	129	72	44	24	14	7	5
4	368	184	98	42	20	12	7	5	1	1	0
5	56	28	11	8	3	1	1	0	0	0	0
6	5	3	1	0	0	0	0	0	0	0	0
7	1	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	6	3	2	0	0	0	0	0	0	0	0
2	65	32	17	6	3	1	0	0	0	0	0
3	410	221	113	67	39	25	17	10	6	3	1
4	[illegible]	[illegible]	[illegible]	156	98	58	29	15	7	3	2
5	231	119	66	41	23	12	6	4	2	1	0
6	31	13	9	4	1	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0
2	2	0	0	0	0	0	0	0	0	0	0
3	43	23	10	5	1	1	0	0	0	0	0
4	243	135	72	36	17	10	5	2	0	0	0
5	617	275	143	80	42	18	7	3	2	1	0
6	161	76	45	25	18	12	6	1	1	1	1
7	17	5	2	2	1	0	0	0	0	0	0
8	2	2	2	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 20g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	1	0	0	0	0	0	0	0	0	0
4	13	10	0	4	3	1	0	0	0	0	0
5	135	113	67	36	25	15	12	9	2	1	0
6	335	214	140	73	42	24	12	3	1	0	0
7	89	46	27	5	3	2	0	0	0	0	0
8	6	2	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 20h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	0	0	0	0	0	0	0	0
5	6	4	3	0	0	0	0	0	0	0	0
6	87	64	37	13	6	5	3	1	1	1	1
7	160	77	34	20	12	7	4	3	2	1	0
8	34	12	5	1	0	0	0	0	0	0	0
9	3	2	1	0	0	0	0	0	0	0	0

Table 20i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	3	0	0	0	0	0	0	0	0	0	0
5	2	1	0	0	0	0	0	0	0	0	0
6	5	2	2	0	0	0	0	0	0	0	0
7	32	15	8	4	1	1	0	0	0	0	0
8	41	22	9	4	2	0	0	0	0	0	0
9	10	3	1	1	1	1	0	0	0	0	0

Table 20j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1972

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0
7	2	1	0	0	0	0	0	0	0	0	0
8	11	7	3	2	0	0	0	0	0	0	0
9	15	6	2	0	0	0	0	0	0	0	0

Table 21a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	9648	8509	7667	6995	6423	5937	5499	5120	4784	4486	4210
1	1568	1044	790	629	537	454	409	354	317	280	260
2	134	74	44	36	29	27	24	21	18	17	15
3	21	11	9	7	6	5	5	4	1	1	1
4	2	1	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	1636	948	562	348	228	141	99	73	51	[illegible]	31
1	4798	3087	2058	1425	1028	733	536	392	294	223	170
2	1197	675	418	266	180	124	93	68	46	31	21
3	183	89	46	25	16	9	8	3	1	1	1
4	13	7	3	2	1	1	1	0	0	0	0
5	2	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	117	57	27	9	7	1	1	0	0	0	0
1	1273	692	374	233	123	73	51	34	24	17	11
2	2631	1660	[illegible]	593	371	235	151	96	60	36	22
3	994	471	255	140	95	53	31	20	13	6	3
4	119	49	16	6	6	2	1	1	0	0	0
5	10	4	3	2	1	1	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	6	3	1	0	0	0	0	0	0	0	0
1	151	91	50	20	13	8	5	5	2	2	1
2	989	552	338	166	93	59	39	25	15	8	5
3	2262	1233	690	397	234	144	90	53	33	21	15
4	668	237	151	91	50	18	10	7	3	2	0
5	93	39	15	14	5	5	0	0	0	0	0
6	11	6	4	2	1	0	0	0	0	0	0
7	2	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	0	1	0	0	0	0	0	0	0	0	0
1	9	4	2	1	0	0	0	0	0	0	0
2	96	48	17	9	5	2	1	1	1	1	1
3	724	372	188	98	43	32	17	10	7	2	1
4	1339	670	354	188	111	63	36	18	9	4	1
5	437	204	95	49	20	11	8	6	4	2	1
6	57	27	17	4	4	1	1	1	1	0	0
7	17	5	2	1	0	0	0	0	0	0	0
8	1	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	1	1	1	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	1	1	1	1	0	0	0	0	0	0	0
3	78	43	21	15	6	4	2	1	0	0	0
4	464	257	121	63	31	19	8	5	3	3	3
5	862	434	220	122	70	41	28	21	17	14	11
6	263	184	96	51	28	15	8	4	1	0	0
7	39	16	11	7	3	1	1	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 21g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	6	2	0	0	0	0	0	0	0	0	0
4	54	34	19	10	5	1	1	1	0	0	0
5	288	170	95	44	25	13	8	6	2	1	1
6	496	336	175	93	51	32	20	12	10	8	6
7	173	79	43	26	14	5	3	1	0	0	0
8	13	5	4	2	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 21h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	1	1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0
4	6	3	2	1	1	1	1	1	0	0	0
5	25	15	6	3	1	0	0	0	0	0	0
6	109	133	78	32	15	9	5	4	3	2	2
7	352	177	96	43	24	14	8	3	0	0	0
8	47	28	16	6	2	0	0	0	0	0	0
9	5	3	2	1	0	0	0	0	0	0	0

Table 21i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	61	35	18	5	3	2	0	0	0	0	0
8	65	26	11	6	2	0	0	0	0	0	0
9	8	2	2	1	0	0	0	0	0	0	0

Table 21j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1973

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	7	1	1	0	0	0	0	0	0	0	0
8	16	2	2	2	1	1	0	0	0	0	0
9	10	7	4	2	1	0	0	0	0	0	0

Table 22a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	6625	5762	5126	4655	4154	3916	3625	3348	3167	2976	2793
1	1268	804	584	452	375	316	273	228	198	176	168
2	99	51	34	24	21	17	16	13	12	12	12
3	15	6	6	5	5	5	5	4	3	3	3
4	3	2	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	1291	756	466	291	186	126	88	67	47	38	31
1	4729	3045	2024	1378	952	676	489	359	267	201	151
2	1469	818	491	315	213	134	91	66	47	34	25
3	191	100	52	34	22	17	6	5	5	4	3
4	22	13	6	5	4	2	1	1	0	0	0
5	3	2	1	1	1	1	1	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	97	49	24	14	8	6	3	1	1	0	0
1	1491	826	415	251	143	89	57	38	18	11	8
2	3473	1941	1147	664	381	222	129	69	40	25	16
3	1183	581	317	193	118	60	31	18	9	2	2
4	148	67	33	17	11	5	1	1	1	1	0
5	19	8	4	2	2	2	2	2	1	0	0
6	2	1	1	1	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	6	2	1	1	1	0	0	0	0	0	0
1	176	90	42	25	17	12	10	6	3	3	3
2	1263	690	388	208	112	64	36	22	14	11	11
3	2836	1598	872	559	348	216	134	87	54	32	14
4	73	393	206	127	73	49	32	17	10	6	3
5	113	55	31	17	8	5	4	2	2	0	0
6	20	9	2	1	0	0	0	0	0	0	0
7	3	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	10	5	3	0	0	0	0	0	0	0	0
2	118	59	29	18	5	4	1	1	1	0	0
3	785	419	221	109	62	36	16	9	3	3	2
4	1562	802	416	227	122	62	34	16	8	4	1
5	608	237	113	60	34	17	8	6	3	1	1
6	82	32	16	8	3	3	3	2	1	0	0
7	11	8	4	2	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	14	7	4	2	1	1	0	0	0	0	0
3	134	67	28	12	5	3	1	1	1	1	1
4	520	248	109	48	22	13	14	8	6	4	1
5	1030	529	277	139	71	50	31	19	10	4	1
6	379	165	77	39	19	9	4	3	2	1	1
7	40	13	5	3	1	0	0	0	0	0	0
8	3	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	16	9	4	1	0	0	0	0	0	0	0
4	76	36	16	10	5	4	3	3	1	0	0
5	400	223	111	61	34	16	10	6	6	3	3
6	730	394	214	114	65	41	25	15	8	5	3
7	207	104	46	25	10	4	3	1	1	0	0
8	10	4	3	3	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 22h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	3	2	0	0	0	0	0	0	0	0	0
5	76	26	6	2	0	0	0	0	0	0	0
6	295	133	73	40	27	18	12	9	6	5	4
7	457	267	164	102	69	47	33	22	12	7	3
8	63	29	17	12	6	4	2	2	1	0	0
9	3	0	0	0	0	0	0	0	0	0	0

Table 22i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	0	0
6	6	5	0	0	0	0	0	0	0	0	0
7	71	41	18	7	4	2	1	0	0	0	0
8	41	12	5	2	1	1	0	0	0	0	0
9	8	2	1	1	0	0	0	0	0	0	0

Table 22j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	11	4	1	1	0	0	0	0	0	0	0
9	6	2	1	0	0	0	0	0	0	0	0

Table 23a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	11360	10050	[illegible]	8263	7818	7071	6989	6158	[illegible]	5471	5162
1	1830	1214	930	752	610	519	457	400	349	313	293
2	150	89	57	41	33	27	24	21	19	16	15
3	11	7	5	2	2	1	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 23b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	1553	1056	[illegible]	371	231	151	96	53	36	24	21
1	4984	2997	1527	1226	923	523	343	243	176	126	95
2	1270	744	449	263	170	109	81	42	27	22	17
3	158	77	48	31	21	12	7	4	3	3	2
4	14	9	6	4	3	2	2	1	1	1	1
5	4	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 23c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	130	56	26	11	5	0	0	0	0	0	0
1	1323	707	354	186	100	71	37	28	15	12	5
2	2759	1540	[illegible]	531	342	207	139	91	66	40	35
3	536	419	247	153	86	52	33	14	9	5	3
4	79	30	16	12	7	2	2	2	1	1	1
5	10	5	1	1	0	0	0	0	0	0	0
6	2	2	1	1	1	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 23d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	3	4	4	2	1	1	0	0	0	0	0
1	141	75	32	20	10	8	6	5	1	0	0
2	883	497	276	145	76	43	25	14	7	2	1
3	1959	1065	[illegible]	329	198	109	61	31	16	10	6
4	522	271	143	75	39	27	14	9	5	3	3
5	95	46	[illegible]	12	4	4	3	2	2	1	1
6	15	10	4	3	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	6	1	0	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	0	0	0	0	0

Table 23e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	5	1	1	0	0	0	0	0	0	0	0
2	75	39	16	11	5	1	1	0	0	0	0
3	522	335	170	87	37	22	12	9	7	4	3
4	1073	549	270	147	59	49	29	17	7	2	3
5	717	137	76	30	19	8	5	3	3	1	0
6	64	14	4	3	2	1	1	0	0	0	0
7	6	3	2	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 23f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	0	0	0	0
3	74	38	16	6	3	1	1	1	1	0	0
4	371	191	96	50	21	15	7	5	4	3	1
5	630	309	166	87	50	26	16	9	4	1	0
6	141	78	38	22	12	7	2	1	0	0	0
7	22	10	2	1	1	1	0	0	0	0	0
8	5	2	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 23g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	2	1	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0	0
4	42	28	14	8	1	0	0	0	0	0	0
5	211	132	72	32	19	14	10	5	4	2	1
6	466	252	143	83	48	25	20	21	10	6	4
7	105	45	25	15	8	6	5	4	4	2	2
8	11	5	2	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	0	0	0	0	0

Table 23h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	5	5	2	1	0	0	0	0	0	0	0
5	20	13	4	2	1	1	0	0	0	0	0
6	117	61	36	16	11	6	4	3	0	0	1
7	184	93	54	24	21	12	8	5	3	1	0
8	43	14	7	3	1	0	0	0	0	0	0
9	2	2	1	0	0	0	0	0	0	0	0

Table 23i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	16	8	3	1	0	0	0	0	0	0	0
7	46	23	4	2	2	1	0	0	0	0	0
8	43	13	4	1	1	0	0	0	0	0	0
9	5	2	0	0	0	0	0	0	0	0	0

Table 23j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1975

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	3	0	0	0	0	0	0	0	0	0	0
7	4	2	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	1	0	0	0	0	0	0	0	0	0

Table 24a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1068	1375	1027	824	687	582	501	444	396	363	321
2	156	161	91	54	45	42	36	27	26	23	21
3	14	8	6	5	4	4	4	4	4	3	3
4	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	159	95	58	37	25	17	13	9	7	5	4
4	13	8	5	3	2	2	1	1	1	1	1
5	2	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1251	631	337	181	100	63	37	19	9	5	5
2	2238	1150	614	328	175	104	59	31	17	9	5
3	747	365	189	99	46	24	12	8	4	3	1
4	93	54	27	9	4	2	2	1	1	0	0
5	8	3	2	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	140	77	42	15	6	3	2	2	1	1	0
2	730	466	267	134	73	41	25	17	11	6	4
3	1730	967	529	294	166	91	54	31	17	9	5
4	678	367	196	99	56	32	18	9	5	3	1
5	77	42	28	10	13	7	3	1	1	0	0
6	13	6	3	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	5	2	1	1	0	0	0	0	0	0	0
2	58	31	16	7	3	0	0	0	0	0	0
3	571	264	120	59	26	15	10	6	3	0	0
4	881	391	194	106	64	40	24	14	8	5	4
5	256	102	45	19	11	7	5	4	3	2	2
6	54	16	8	4	2	2	1	0	0	0	0
7	2	2	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	52	20	10	4	4	3	1	1	1	0	0
4	422	284	91	70	19	9	3	3	2	1	1
5	996	279	126	57	30	15	10	6	3	2	1
6	165	76	41	22	12	7	2	0	0	0	0
7	13	6	4	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 24g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	4	1	0	0	0	0	0	0	0	0	0
4	74	17	6	4	2	1	1	0	0	0	0
5	254	116	54	23	17	7	3	1	1	1	0
6	264	124	46	43	14	8	3	2	1	0	0
7	80	45	18	11	4	3	1	0	0	0	0
8	6	3	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 24h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	3	0	1	0	0	0	0	0	0	0	0
5	14	8	2	1	2	2	0	0	0	0	0
6	82	47	19	15	12	6	2	1	1	0	0
7	176	87	52	30	16	6	2	1	0	0	0
8	23	9	6	4	2	1	1	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 24i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	4	2	0	0	0	0	0	0	0	0	0
7	27	11	4	1	0	0	0	0	0	0	0
8	22	6	1	0	0	0	0	0	0	0	0
9	7	3	1	1	0	0	0	0	0	0	0

Table 24j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1976

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	2	0	1	0	0	0	0	0	0	0	0
9	2	1	0	0	0	0	0	0	0	0	0

Table 25a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	1267	954	791	699	594	517	461	414	377	345
2	138	94	69	69	49	35	29	29	24	23	23
3	21	13	11	10	8	8	7	7	7	6	6
4	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1

Table 25b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	5248	3613	2737	1667	1244	749	527	362	252	182	139
2	1132	665	426	274	169	126	75	59	46	34	25
3	135	65	40	24	16	10	6	5	4	2	2
4	10	4	4	2	2	2	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 25c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	1210	671	477	175	156	87	49	27	16	12	8
2	3303	1840	1119	639	373	186	104	67	43	33	24
3	737	382	217	96	53	35	18	8	5	3	2
4	61	19	6	3	2	1	0	0	0	0	0
5	1	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 25d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	121	69	45	19	12	6	3	1	1	1	1
2	353	232	156	107	75	46	27	16	10	6	4
3	1731	1117	810	535	357	217	126	80	55	35	23
4	444	243	152	91	45	24	10	6	3	1	0
5	69	32	19	11	6	4	3	1	1	1	1
6	6	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 25e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	4	4	3	3	3	2	1	1	1	0	0
2	49	36	26	16	11	8	4	3	2	1	1
3	661	377	254	167	111	75	51	35	24	16	11
4	311	163	108	69	46	29	19	13	9	6	4
5	177	105	67	39	24	14	9	6	4	3	2
6	33	16	9	5	3	2	1	1	0	0	0
7	7	4	3	2	1	1	0	0	0	0	0
8	1	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 25f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	4	2	0	0	0	0	0	0	0	0	0
3	61	32	16	7	3	2	1	1	0	0	0
4	303	167	80	53	32	18	14	7	1	0	0
5	619	336	178	92	47	24	9	1	0	0	0
6	163	73	40	24	8	2	0	0	0	0	0
7	17	6	2	1	1	0	0	0	0	0	0
8	4	2	1	1	1	1	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 25g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	1	1	1	1	1	1	1	1	1	1
3	2	2	1	0	0	0	0	0	0	0	0
4	32	16	6	6	2	2	2	0	0	0	0
5	166	84	41	21	13	3	4	2	1	0	0
6	481	243	118	63	31	17	8	3	2	1	0
7	75	31	14	7	6	3	1	1	1	0	0
8	6	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 25h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	1	0	0	0	0	0	0	0
5	17	6	2	0	0	0	0	0	0	0	0
6	90	53	26	13	6	2	0	0	0	0	0
7	150	72	42	21	9	4	1	0	0	0	0
8	22	14	7	6	4	2	1	1	0	0	0
9	0	1	0	1	0	0	0	0	0	0	0

Table 25i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	40	19	6	4	1	1	1	1	1	1	1
8	43	23	12	6	5	4	2	2	1	1	0
9	6	2	1	0	0	0	0	0	0	0	0

Table 25j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: 1977

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	976	454	767	684	617	557	505	461	426	395	366
1	153	110	85	74	62	56	46	41	37	33	27
2	15	10	6	4	4	4	4	3	2	2	2
3	2	2	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	161	99	63	39	17	8	5	2	2	0	0
1	352	231	107	56	32	19	10	6	3	2	1
2	104	47	20	26	10	4	2	2	1	1	1
3	15	4	1	1	1	1	1	0	0	0	0
4	2	2	1	1	1	1	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	10	2	0	0	0	0	0	0	0	0	0
1	111	49	23	11	7	4	2	2	0	0	0
2	179	88	44	20	27	15	12	6	4	2	2
3	78	29	14	7	5	5	4	4	2	1	1
4	4	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	16	8	3	1	1	0	0	0	0	0	0
2	71	46	23	9	7	1	0	0	0	0	0
3	193	104	59	34	20	12	7	4	2	1	0
4	52	29	16	12	8	5	4	2	1	0	0
5	10	6	3	3	2	1	1	1	1	1	1
6	2	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	3	2	1	1	0	0	0	0	0	0	0
2	4	1	1	0	0	0	0	0	0	0	0
3	54	31	15	7	5	3	1	1	0	0	0
4	92	43	20	11	5	2	1	0	0	0	0
5	29	13	5	1	0	0	0	0	0	0	0
6	4	2	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0	0	0
3	8	4	1	1	0	0	0	0	0	0	0
4	34	17	11	7	4	3	3	1	0	0	0
5	67	40	25	15	9	5	1	0	0	0	0
6	17	5	3	2	2	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	2	0	0	0	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0	0	0
5	19	14	7	6	5	3	2	1	0	0	0
6	54	33	21	13	7	3	1	0	0	0	0
7	17	11	5	2	1	1	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	0	0	0	0	0	0	0	0
6	16	7	4	3	3	1	1	1	0	0	0
7	25	15	9	6	3	2	1	0	0	0	0
8	4	2	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	2	1	0	0	0	0	0	0	0	0	0
7	4	3	2	2	1	1	1	0	0	0	0
8	11	7	5	3	2	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 26j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: March 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	1000	876	773	686	613	550	499	453	415	381	349
1	163	126	97	82	69	59	48	43	35	32	30
2	6	4	4	3	2	2	1	1	1	1	1
3	2	2	2	2	2	2	2	2	2	1	1
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	162	104	53	40	27	22	14	6	4	2	2
1	400	233	150	92	58	34	19	13	9	7	5
2	114	56	27	16	7	2	1	0	0	0	0
3	15	6	3	2	1	0	0	0	0	0	0
4	1	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	9	6	5	3	3	1	1	0	0	0	0
1	122	65	40	23	12	6	3	1	1	1	1
2	227	131	73	39	21	12	7	5	4	3	2
3	53	25	13	8	3	2	1	1	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	9	4	0	0	0	0	0	0	0	0	0
2	64	46	34	18	14	10	6	4	4	2	2
3	223	146	98	70	49	33	23	16	11	8	5
4	40	26	13	10	7	6	4	3	1	1	1
5	3	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	2	2	1	1	1	0	0	0	0	0	0
3	43	27	15	7	5	3	1	1	1	0	0
4	76	34	20	12	6	3	2	1	0	0	0
5	16	9	2	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	0	0	0	0	0	0	0	0
4	21	16	12	6	4	3	2	1	0	0	0
5	57	38	23	15	9	4	1	0	0	0	0
6	8	1	1	1	1	1	1	0	0	0	0
7	1	1	1	1	1	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	9	8	4	2	1	1	0	0	0	0	0
6	16	8	4	2	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	0	0	0	0	0	0	0
7	3	2	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 27j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: June 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	1345	1240	1159	1089	1031	983	941	904	869	834	801
1	117	91	71	61	52	45	39	34	32	32	30
2	17	13	10	9	6	3	3	3	3	3	3
3	1	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: September 1969

	1	2	3	4		6	7	8	9	10	11
0	127	60	34	18	1	6	3	2	0	0	0
1	232	135	79	46	23	12	6	1	0	0	0
2	66	31	19	13	11	5	3	3	1	0	0
3	16	6	3	2	2	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	9	5	3	2	1	1	0	0	0	0	0
1	75	31	13	6	3	2	1	1	1	1	1
2	155	85	47	28	18	11	7	5	3	1	0
3	59	31	19	9	5	3	2	1	1	1	0
4	4	1	1	1	1	1	1	0	0	0	0
5	1	1	1	1	0	0	0	0	0	0	0
6	1	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	9	7	3	2	0	0	0	0	0	0	0
2	59	34	19	8	4	2	1	1	0	0	0
3	125	62	29	12	6	3	1	0	0	0	0
4	35	19	10	7	2	1	1	0	0	0	0
5	4	3	1	0	0	0	0	0	0	0	0
6	3	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	2	1	1	0	0	0	0	0	0	0	0
2	8	5	2	1	1	0	0	0	0	0	0
3	35	18	7	3	0	0	0	0	0	0	0
4	69	29	11	2	0	0	0	0	0	0	0
5	27	15	7	4	1	0	0	0	0	0	0
6	5	1	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	6	2	0	0	0	0	0	0	0	0	0
4	36	18	7	4	3	1	0	0	0	0	0
5	60	28	13	4	1	0	0	0	0	0	0
6	16	11	8	5	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	23	13	9	6	3	2	0	0	0	0	0
6	45	28	16	8	3	0	0	0	0	0	0
7	16	4	3	2	2	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	3	2	1	1	0	0	0	0	0	0	0
6	13	11	10	7	4	2	0	0	0	0	0
7	40	26	14	6	2	0	0	0	0	0	0
8	3	1	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 28i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0	0	0	0	0
8	9	6	5	4	3	2	1	0	0	0	0
9	2	2	1	1	1	1	1	1	0	0	0

Table 28j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: September 1969

	1	2	3	4	5	6	7	8	9	10	11
0	1	1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 29a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	1914	1800	1703	1615	1538	1466	1398	1334	1277	1230	1189
1	136	109	92	83	72	67	64	60	53	44	38
2	8	5	5	5	5	5	4	4	4	3	3
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	138	75	41	33	18	10	5	2	2	1	1
1	269	159	98	56	32	17	8	4	2	1	0
2	51	30	17	9	6	5	4	2	0	0	0
3	9	5	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	7	4	4	1	1	1	1	1	1	1	1
1	59	34	20	11	7	6	3	3	1	0	0
2	130	80	50	36	27	19	14	9	6	5	4
3	22	10	6	2	1	1	1	1	1	0	0
4	4	2	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	2	2	1	1	1	0	0	0	0	0	0
2	31	24	13	8	6	4	3	3	2	2	1
3	87	53	35	24	15	11	8	5	3	1	0
4	13	7	4	2	2	0	0	0	0	0	0
5	2	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0
3	14	10	4	1	1	0	0	0	0	0	0
4	22	10	5	3	1	0	0	0	0	0	0
5	6	2	1	1	1	1	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	3	2	0	0	0	0	0	0	0	0	0
4	5	3	3	2	1	0	0	0	0	0	0
5	13	7	3	1	0	0	0	0	0	0	0
6	3	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	3	2	1	1	0	0	0	0	0	0	0
6	13	9	6	3	1	0	0	0	0	0	0
7	2	2	2	2	2	1	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	0	0	0	0	0
7	5	3	2	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 29j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: December 1969

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	448	386	346	319	296	276	257	242	228	214	200
1	92	56	36	25	21	18	17	14	13	13	13
2	13	6	4	2	2	2	2	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	95	59	41	25	18	17	11	8	5	4	2
1	377	247	168	118	84	57	40	28	19	13	9
2	118	62	35	22	15	9	5	3	3	1	1
3	14	6	2	2	1	1	1	1	1	1	1
4	6	3	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	10	7	4	3	2	2	0	0	0	0	0
1	121	63	30	13	5	3	2	2	1	0	0
2	289	150	77	39	20	9	5	2	0	0	0
3	130	66	37	21	11	6	2	1	1	0	0
4	11	3	2	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	28	7	4	3	0	0	0	0	0	0	0
2	122	65	36	17	9	4	2	0	0	0	0
3	253	131	66	32	17	9	5	3	1	0	0
4	72	40	18	9	4	3	1	1	1	1	0
5	20	8	6	4	2	1	1	1	1	0	0
6	4	2	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	18	11	5	4	2	1	0	0	0	0	0
3	81	39	20	9	4	2	1	1	0	0	0
4	157	79	40	18	8	2	1	0	0	0	0
5	43	22	11	6	4	3	0	0	0	0	0
6	15	6	3	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 30f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	-
1	0	0	0	0	0	0	0	0	0	0	0	-
2	1	0	0	0	0	0	0	0	0	0	0	-
3	12	4	1	0	0	0	0	0	0	0	0	-
4	59	28	10	3	1	1	1	0	0	0	0	-
5	68	21	7	3	2	1	0	0	0	0	0	-
6	41	11	2	0	0	0	0	0	0	0	0	-
7	5	4	1	1	0	0	0	0	0	0	0	-
8	0	0	0	0	0	0	0	0	0	0	0	-
9	0	0	0	0	0	0	0	0	0	0	0	-

Table 30g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	-
1	0	0	0	0	0	0	0	0	0	0	0	-
2	0	0	0	0	0	0	0	0	0	0	0	-
3	1	1	1	1	0	0	0	0	0	0	0	-
4	14	6	5	3	0	0	0	0	0	0	0	-
5	45	29	12	6	5	0	0	0	0	0	0	-
6	93	45	21	8	1	0	0	0	0	0	0	-
7	26	12	6	3	2	1	0	0	0	0	0	-
8	0	0	0	0	0	0	0	0	0	0	0	-
9	0	0	0	0	0	0	0	0	0	0	0	-

Table 30h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	-
1	0	0	0	0	0	0	0	0	0	0	0	-
2	0	0	0	0	0	0	0	0	0	0	0	-
3	0	0	0	0	0	0	0	0	0	0	0	-
4	2	2	0	0	0	0	0	0	0	0	0	-
5	4	4	1	0	0	0	0	0	0	0	0	-
6	26	16	8	4	2	0	0	0	0	0	0	-
7	38	15	6	2	0	0	0	0	0	0	0	-
8	6	1	0	0	0	0	0	0	0	0	0	-
9	0	0	0	0	0	0	0	0	0	0	0	-

Table 30i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11	
0	0	0	0	0	0	0	0	0	0	0	0	-
1	0	0	0	0	0	0	0	0	0	0	0	-
2	0	0	0	0	0	0	0	0	0	0	0	-
3	0	0	0	0	0	0	0	0	0	0	0	-
4	0	0	0	0	0	0	0	0	0	0	0	-
5	0	0	0	0	0	0	0	0	0	0	0	-
6	0	0	0	0	0	0	0	0	0	0	0	-
7	6	4	2	0	0	0	0	0	0	0	0	-
8	6	2	0	0	0	0	0	0	0	0	0	-
9	0	0	0	0	0	0	0	0	0	0	0	-

Table 30j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: March 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	349	286	239	206	181	162	144	130	119	110	102
1	103	61	46	32	24	18	17	13	10	8	7
2	5	1	0	0	0	0	0	0	0	0	0
3	2	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	182	65	40	32	18	16	8	7	5	4	3
1	437	298	199	134	94	61	42	28	21	15	10
2	135	69	44	30	19	14	9	6	2	2	2
3	22	11	5	2	2	2	1	0	0	0	0
4	2	2	2	1	1	1	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	7	4	2	1	0	0	0	0	0	0	0
1	136	82	47	27	19	12	8	5	4	4	3
2	361	208	123	77	50	34	23	16	12	8	5
3	114	58	31	17	8	4	3	2	0	0	0
4	14	9	5	1	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	22	14	7	5	3	3	2	0	0	0	0
2	124	74	35	16	10	7	6	4	4	3	3
3	304	175	110	74	50	32	21	14	8	4	1
4	66	35	22	15	11	8	3	3	2	1	0
5	10	6	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0	0	0
2	9	3	2	1	0	0	0	0	0	0	0
3	78	49	27	14	8	4	1	1	0	0	0
4	148	76	39	20	10	6	3	1	0	0	0
5	23	16	6	3	2	1	1	1	1	0	0
6	5	1	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	5	4	1	0	0	0	0	0	0	0	0
4	36	23	14	6	3	1	1	1	1	1	0
5	85	46	23	11	6	4	3	2	1	0	0
6	26	11	7	5	2	1	0	0	0	0	0
7	3	1	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	1	0	0	0	0	0	0	0	0	0
4	5	1	0	0	0	0	0	0	0	0	0
5	28	18	9	6	2	2	2	1	1	0	0
6	48	25	15	8	6	4	2	1	0	0	0
7	8	3	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	11	7	5	4	2	2	2	2	2	2	2
7	32	24	19	15	13	11	9	7	5	3	1
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	2	2	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 31j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: June 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	454	405	368	337	313	294	277	260	244	229	215
1	82	44	35	29	22	19	17	17	16	15	14
2	7	5	2	2	2	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	79	51	34	21	9	7	6	5	5	4	3
1	382	245	163	113	80	62	46	33	22	15	10
2	131	77	42	25	21	10	9	7	6	3	2
3	17	8	5	3	2	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	0	0
5	2	1	1	1	1	1	1	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	12	5	4	4	2	2	1	0	0	0	0
1	130	78	34	17	10	4	3	0	0	0	0
2	278	147	78	41	20	8	2	0	0	0	0
3	163	50	29	15	8	6	2	2	0	0	0
4	14	5	2	1	1	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	1	0	0	0	0	0	0	0	0	0	0
1	19	10	6	5	4	4	3	2	1	1	0
2	118	63	34	19	9	6	4	3	2	2	2
3	282	166	103	65	46	30	18	11	8	5	3
4	70	38	21	13	6	6	5	2	0	0	0
5	8	4	1	1	0	0	0	0	0	0	0
6	2	1	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	11	5	3	0	0	0	0	0	0	0	0
3	77	39	21	11	5	1	1	0	0	0	0
4	132	64	28	12	4	1	0	0	0	0	0
5	40	22	10	5	3	2	0	0	0	0	0
6	6	2	2	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	2	1	1	0	0	0	0	0	0	0	0
3	9	6	2	2	0	0	0	0	0	0	0
4	41	19	8	4	1	1	1	1	1	1	1
5	87	37	18	9	6	5	4	3	2	1	0
6	34	19	8	3	2	0	0	0	0	0	0
7	4	1	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	1	1	0	0	0	0	0	0	0	0	0
4	5	4	2	2	1	0	0	0	0	0	0
5	32	21	7	2	1	0	0	0	0	0	0
6	63	24	9	2	0	0	0	0	0	0	0
7	23	11	4	1	0	0	0	0	0	0	0
8	3	2	2	2	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 32h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	0	0	0	0	0
5	6	2	0	0	0	0	0	0	0	0	0
6	23	13	7	6	3	2	0	0	0	0	0
7	53	31	20	10	5	2	1	0	0	0	0
8	8	6	4	4	2	1	1	1	0	0	0
9	1	0	0	0	0	0	0	0	0	0	0

Table 32i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	12	8	1	0	0	0	0	0	0	0	0
8	11	1	0	0	0	0	0	0	0	0	0
9	2	2	0	0	0	0	0	0	0	0	0

Table 32j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: September 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	3	2	1	1	0	0	0	0	0	0	0
9	4	2	1	0	0	0	0	0	0	0	0

Table 33a. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 0 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	596	529	479	440	407	380	356	338	324	312	300
1	107	65	48	37	31	25	22	16	12	10	10
2	6	1	1	1	1	1	1	1	1	1	1
3	2	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33b. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 1 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	111	70	48	28	21	12	8	7	5	4	4
1	479	330	230	165	119	90	69	52	39	30	22
2	118	72	48	34	23	15	12	9	7	5	4
3	13	6	4	3	2	2	1	1	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33c. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 2 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	3	0	0	0	0	0	0	0	0	0	0
1	122	69	41	28	18	7	4	4	1	1	1
2	341	197	114	64	39	26	17	9	5	3	1
3	122	67	37	20	13	4	3	2	2	1	1
4	14	5	2	0	0	0	0	0	0	0	0
5	3	3	3	2	2	2	2	2	1	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33d. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 3 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	13	3	1	0	0	0	0	0	0	0	0
2	128	67	39	25	9	6	2	1	0	0	0
3	226	122	64	29	16	8	5	3	2	1	0
4	62	30	16	9	3	1	1	1	1	1	1
5	7	4	2	1	1	1	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33e. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 4 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	11	5	3	2	1	1	1	1	1	0	0
3	62	34	15	7	3	3	1	1	0	0	0
4	128	64	34	17	9	5	3	1	0	0	0
5	45	22	11	7	4	0	0	0	0	0	0
6	4	1	1	1	0	0	0	0	0	0	0
7	3	2	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33f. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 5 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0	0	0
2	2	0	0	0	0	0	0	0	0	0	0
3	11	5	2	0	0	0	0	0	0	0	0
4	44	25	11	5	2	1	0	0	0	0	0
5	61	24	9	3	1	0	0	0	0	0	0
6	28	7	2	1	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33g. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 6 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	2	0	0	0	0	0	0	0	0	0	0
4	6	2	0	0	0	0	0	0	0	0	0
5	30	11	4	2	1	0	0	0	0	0	0
6	23	8	3	1	0	0	0	0	0	0	0
7	8	2	1	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33h. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 7 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	2	1	0	0	0	0	0	0	0	0	0
6	13	6	2	0	0	0	0	0	0	0	0
7	11	2	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33i. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 8 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 33j. Current Distributions of Q (in Absolute Numbers) Subsequent to the Occurrence of N × 15 Min Intervals With Constant Q = 9 For All N: December 1974

	1	2	3	4	5	6	7	8	9	10	11
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0

Table 34. Distribution of Durations of Sequences of Constant Q for Entire Period 1967 Through 1977

Constant Value of Q

N	1	2	3	4	5	6	7	8	9	10	≥ 11	Total Groups	Total Q's	%
0	6,196	3,306	1,995	1,346	983	747	642	542	448	309	3,782	20,296	162,028	42.01
1	14,394	7,706	4,329	2,341	1,549	894	733	333	276	142	412	33,109	82,737	21.45
2	11,308	5,931	2,899	1,587	901	519	279	210	112	62	135	23,943	52,795	13.69
3	8,230	3,485	2,121	1,150	701	338	205	131	87	48	85	16,581	37,482	9.72
4	5,040	2,692	1,301	646	320	190	89	53	36	18	24	10,409	21,490	5.57
5	3,196	1,812	850	471	214	133	57	32	19	8	10	6,802	14,151	3.67
6	1,766	1,118	540	293	161	83	58	27	16	13	18	4,093	9,225	2.39
7	758	541	269	136	74	46	20	10	17	4	9	1,884	4,362	1.13
8	261	172	63	23	12	7	7	2	0	0	1	548	1,064	0.28
9	53	28	13	5	2	2	1	0	0	0	0	104	197	0.05
Total Groups	51,201	26,791	14,380	7,998	4,918	2,958	2,091	1,340	1,011	594	4,476	117,769		
Total Q's	51,201	53,582	43,140	31,992	24,590	17,748	14,637	10,720	9,099	5,940	122,882			
%	13.28	13.90	11.19	8.30	6.38	4.60	3.80	2.78	2.36	1.57	31.87			

Table 35. Cumulative Probability of Occurrence (in %) of Q-Sequences of Duration ≥ Each of the Listed Values of Duration When Q is ≥ Each Valve from 1 Through 9 Separately: 1967

Duration of Q-Sequence (in Hours)	Q ≥ 1	Q ≥ 2	Q ≥ 3	Q ≥ 4	Q≥5	Q≥6	Q≥7	Q≥8	Q≥9
0.25	47.40	30.41	18.83	10.57	6.19	3.34	1.29	0.33	0.08
0.50	45.80	29.43	18.26	10.33	6.03	3.21	1.21	0.30	0.06
0.75	44.15	28.21	17.57	9.78	5.66	2.95	1.07	0.25	0.05
1.00	42.67	27.25	16.94	9.39	5.34	2.68	0.92	0.18	0.05
1.25	41.48	26.28	16.26	8.88	4.92	2.44	0.79	0.17	0.04
1.50	40.37	25.24	15.57	8.41	4.69	2.30	0.72	0.13	0.03
1.75	39.34	24.45	14.76	7.95	4.38	2.13	0.60	0.11	
2.00	38.36	23.53	14.06	7.45	4.04	2.01	0.54	0.07	
2.25	37.56	22.82	13.56	7.15	3.77	1.83	0.47	0.07	
2.50	36.61	23.10	13.00	6.71	3.56	1.78	0.47	0.04	
2.75	35.84	21.13	12.45	6.34	3.45	1.64	0.44	0.04	
3.00	34.84	20.44	12.01	6.12	3.42	1.55	0.38	0.04	
3.25	34.19	20.03	11.50	5.71	3.25	1.45	0.31	0.04	
3.50	33.41	19.10	11.05	5.56	3.14	1.38	0.31		
3.75	32.96	18.54	10.37	5.40	2.78	1.34	0.31		
4.00	31.92	17.86	9.86	5.19	2.65	1.34	0.22		
4.25	31.28	17.13	9.36	5.14	2.51	1.34	0.22		
4.50	30.83	16.35	9.21	4.99	2.32	1.34	0.17		
4.75	29.91	15.84	8.85	4.73	2.17	1.24	0.17		
5.00	29.48	15.41	8.58	4.68	2.06	1.24	0.12		
5.25	29.08	15.01	8.29	4.39	2.00	1.18	0.12		
5.50	28.72	14.71	8.05	3.97	1.94	1.06			
5.75	27.90	14.52	7.86	3.72	1.81	0.93			
6.00	27.11	13.99	7.66	3.52	1.74	0.67			
6.25	26.43	13.44	7.32	3.38	1.67	0.60			
6.50	25.50	13.15	6.89	3.24	1.67	0.53			
6.75	24.76	13.00	6.82	3.09	1.60	0.46			
7.00	24.37	12.77	6.59	2.94	1.45	0.38			
7.25	23.89	12.37	6.35	2.86	1.37	0.22			
7.50	22.81	11.87	6.10	2.61	0.96	0.22			
7.75	22.30	11.27	5.84	2.44	0.96	0.22			
8.00	22.21	11.00	5.66	2.44	0.87	0.22			
8.25	21.39	10.82	5.20	2.35	0.78	0.22			
8.50	21.11	10.35	5.11	2.07	0.69	0.22			
8.75	20.62	10.16	5.01	1.97	0.69	0.22			
9.00	20.12	9.66	4.81	1.87	0.69	0.12			
9.25	19.40	9.56	4.71	1.87	0.48	0.12			
9.50	19.19	9.03	4.60	1.87	0.48	0.12			
9.75	18.97	8.92	4.49	1.87	0.48	0.12			
10.00	18.30	8.81	4.27	1.87	0.37	0.12			
10.25	17.96	8.47	4.04	1.76	0.37	0.12			
10.50	17.37	8.24	3.92	1.64	0.25	0.12			
10.75	17.25	8.00	3.80	1.64	0.25				
11.00	17.00	7.88	3.80	1.52	0.13				
11.25	16.75	7.75	3.67	1.39	0.13				
11.50	16.39	7.36	3.54	1.26	0.13				
11.75	15.60	7.36	3.54	1.13	0.13				
12.00	15.47	7.09	3.54	0.86					
12.25	15.20	6.82	3.40	0.59					
12.50	14.92	6.82	3.26	0.45					
12.75	14.78	6.82	3.26	0.45					
13.00	14.78	6.82	3.26	0.45					
13.25	14.33	6.67	2.96	0.45					
13.50	14.18	6.52	2.81	0.45					

Table 35. Cumulative Probability of Occurrence (in %) of Q-Sequences of Duration ≥ Each of the Listed Values of Duration When Q is ≥ Each Value from 1 Through 9 Separately: 1967 (Cont.)

Duration of Q-Sequence (in Hours)	Q ≥ 1	Q ≥ 2	Q ≥ 3	Q ≥ 4	Duration of Q-Sequence (in Hours)	Q ≥ 1	Q ≥ 2	Q ≥ 3
13.75	14.03	6.21	2.66	0.45	27.25	6.81	3.26	1.06
14.00	14.03	6.21	2.66	0.45	29.00	6.50	3.26	1.06
14.25	14.03	5.73	2.66	0.45	30.25	6.50	3.26	0.73
14.50	13.87	5.73	2.50	0.45	32.75	6.50	3.26	0.38
14.75	13.70	5.56	2.50	0.45	33.25	5.75	3.26	0.38
15.00	13.36	5.22	2.33	0.45	33.50	5.37	3.26	0.38
15.25	13.19	5.22	2.33	0.45	33.75	5.37	3.26	
15.50	12.67	5.22	2.16	0.45	34.75	4.99	2.87	
15.75	12.14	5.22	2.16	0.45	36.75	4.99	2.08	
16.00	11.92	5.22	2.16	0.45	38.50	4.99	1.66	
16.25	11.92	5.04	1.98	0.45	40.00	4.55	1.66	
16.50	11.77	5.04	1.98	0.45	40.25	4.09	1.66	
16.75	11.58	5.04	1.79	0.45	43.75	3.63	1.66	
17.00	11.58	5.04	1.79	0.45	45.50	3.13	1.66	
17.25	11.58	4.85	1.79	0.45	47.75	3.13	1.14	
17.50	10.98	4.65	1.79	0.45	50.00	2.58	1.14	
17.75	10.78	4.65	1.79	0.45	50.75	2.58		
18.00	10.78	4.45	1.79	0.45	54.50	2.00		
19.25	10.57	4.45	1.79	0.45	56.00	1.38		
18.50	10.57	4.45	1.79	0.45	64.50	0.74		
18.75	10.57	4.45	1.79	0.45				
19.00	10.36	4.24	1.79	0.24				
19.25	10.14	4.24	1.79	0.24				
19.50	9.92	4.02	1.79	0.24				
19.75	9.47	4.02	1.34	0.24				
20.00	9.24	4.02	1.34	0.24				
20.25	9.01	4.02	1.34	0.24				
20.50	9.01	4.02	1.34	0.24				
20.75	9.01	3.79	1.34	0.24				
21.00	8.77	3.79	1.34	0.24				
21.25	8.77	3.55	1.34					
21.50	8.53	3.55	1.34					
21.75	8.53	3.55	1.34					
22.00	8.53	3.55	1.34					
22.25	8.53	3.55	1.34					
22.50	8.53	3.55	1.34					
22.75	8.53	3.55	1.34					
23.00	8.53	3.55	1.34					
23.25	8.53	3.55	1.34					
23.50	8.53	3.55	1.34					
23.75	7.96	3.55	1.34					
24.00	7.96	3.55	1.34					
24.25	7.96	3.55	1.34					
24.50	7.68	3.55	1.06					
24.75	7.40	3.55	1.06					
25.00	7.40	3.55	1.06					
25.25	7.40	3.26	1.06					
25.50	7.11	3.26	1.06					
25.75	7.11	3.26	1.06					
26.00	7.11	3.26	1.06					
26.25	7.11	3.26	1.06					
26.50	6.81	3.26	1.06					
26.75	6.81	3.26	1.06					

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